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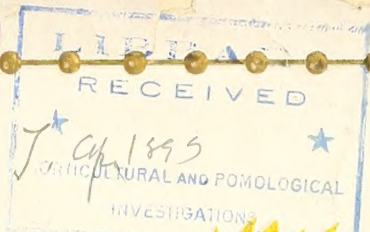
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ANNALS, MCH 95



6273  
DREER'S  
GARDEN  
CALENDAR

1895



HENRY A. DREER  
714 Chestnut St. Philadelphia



## OUR COVER PAGES

Illustrate from Nature two very valuable hardy plants which are supplied in both seeds and plants.

### GAILLARDIA GRANDIFLORA.

Gaillardias are among the showiest and most effective of hardy perennial plants; beginning to flower in June, they continue one mass of bloom the entire season; they will thrive in almost any position or in any soil, but respond freely to liberal feeding; being perfectly hardy they require absolutely no protection, taking care of themselves. The flowers are large, from  $2\frac{1}{2}$  to  $3\frac{1}{2}$  inches in diameter, they are produced on long stems and are excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower.

**PLANTS** in strong clumps for immediate effect, 25 cents each; \$2.50 per dozen; \$15.00 per 100. Strong young plants, which will flower freely this summer, 10 cents each; \$1.00 per dozen; \$8.00 per 100.

**SEED** 10 cents per packet. Six packets for 50 cents.

### COREOPSIS LANCEOLATA.

This handsome perennial, which was introduced some ten years since, has grown in favor so rapidly that it is now probably the most popular perennial plant in cultivation. Our own estimation of the plant is such that if we had room to plant but one plant of this class, it would surely be this golden Coreopsis, which begins to flower early in June and continues in flower until cut down by severe freezing weather; it is continually one mass of golden yellow. The flowers, which are of graceful form, are invaluable for cutting for decorative purposes; it is easily grown, is perfectly hardy and succeeds in almost any position, and after once being planted takes care of itself.

**PLANTS** in large, strong clumps, which will produce an immediate effect, at 25 cents each; \$2.50 per dozen; \$15.00 per hundred. Good, strong young plants, which will flower freely this summer, 10 cents each; \$1.00 per dozen; \$6.00 per 100.

**Seed**, 10 cents per packet. Six packets for 50 cents.

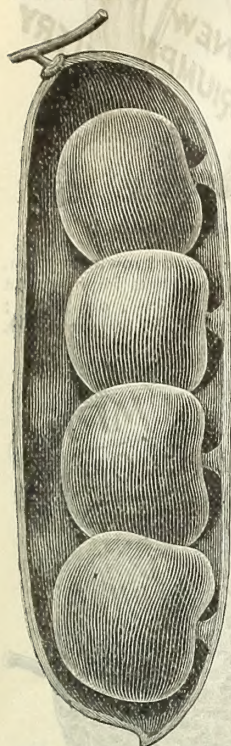
Or, three packets of each for 50 cents.



# Novelties and Specialties

## ...IN VEGETABLE SEEDS...

Our list of Novelties includes varieties of Vegetable and Flower Seeds of recent introduction, produced by growers and specialists in this country and abroad, and the descriptions given are mainly as received from the introducers. All are carefully tested in our trial grounds during the summer, and such as show an improvement on existing sorts are added to the general list. In our general list all tested standard varieties are offered that are meritorious.



### Dreer's Bush Lima Bean.

This valuable dwarf variety of our Improved Lima Pole Bean is increasing in popularity as it becomes more widely known. It is a true bush Lima, growing from 1½ to 2 feet high and producing pods in great abundance. The beans grow close together as shown in our illustration, producing three or four, and sometimes five beans in a pod. The beans are short and thick, similar to the Dreer's Improved Pole Lima, and are equal in tenderness and quality to that choice variety, which is regarded as the sweetest and most desirable sort for cooking and table use. Pkt., 10 cts.; pint, 25 cts.; quart, 50 cts.; peck, \$3.50; (by mail, 65 cts. per quart).

### Keeney's Rustless Golden Wax Bean.

A strong-growing bush variety of remarkable vigor and freedom from rust. It sends out short tendrils on which pods are formed in addition to those near the central stalk of the plant, which accounts for its wonderful productiveness, amounting, under favorable conditions, to from 100 to 150 fold.

The pods are meaty and well-filled, thick, flat when young, and semi-round later; of rich yellow color and fine quality, and entirely stringless even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season. Pkt., 15 cts.; 2 pkts. for 25 cts.

**Currie's Rust-Proof Wax Bean.** This new variety is claimed to be absolutely rust proof; pods long, flat, tender and of fine quality. It is early, productive and a good all round bean, ripens about with the Kidney Wax, color of dry beans, bluish black. Pkt., 10 cts.; pint, 20 cts.; quart, 40 cts.; peck, \$2.00.

**Grenell's Improved Golden Wax Bean.** Early, prolific, pods nearly straight and flat, not so long as the well-known Golden Wax and not turning to a golden wax color quite so young, but bears in greater profusion. Pkt., 10 cts.; pint, 20 cts.; quart, 40 cts.; peck, \$2.00.

**Saddle-Back Wax Bean.** This is a cross between the Yosemite Wax and the Black-eyed Wax, possessing all the good qualities of those varieties. The pods are large, long, straight, round, very meaty and absolutely stringless. It is a very profuse bearer, yielding from 25 to 40 pods to a plant. Pkt., 10 cts.; pint, 25 cts.; quart, 40 cts.

**Burpee's Bush Lima Bean.** A bush form of the Large Lima Bean. The permanency of this strain appears to have been fixed from its origin, as successive crops have developed and perpetuated the dwarf form without variation. Per pkt., 10 cts.; pint, 25 cts.; qt., 50 cts.; peck, \$3.50.

**Jackson Wonder Bean.** A wonderfully prolific dwarf bean, growing from 18 to 30 inches high; seeds broad, flat and beautifully variegated, similar in shape to the Lima, and can be used in the same way. When the pods are young they make excellent snap beans. It is not waxy and cooks easily and quickly. Valuable as a forage plant, yielding an immense crop of ensilage or dry fodder. Pkt., 10 cts.; pint, 20 cts.; quart, 40 cts.

**Golden Champion Wax Pole Bean.** This proved to be the earliest in our trial grounds last year and certainly is one of the best of the wax-podded pole beans; pods are long, cylindrical, much curved, very fleshy, stringless, bright golden yellow color, borne in clusters, unusually prolific and of excellent quality. Pkt., 10 cts.; pint, 25 cts.; quart, 40 cts.

### Thorburn's Valentine Wax Bean.

This is an improved Extra Early Valentine Bean, with round wax pods, which originated with a well known cultivator of Jefferson Co., N. Y. It is without exception the earliest Wax Bean, being even earlier than Refugee Wax. The pods are very meaty, and with so very little string that they may justly be called stringless. It is the best quality for snap beans of any Wax Bean in use. It is remarkably free from rust, and remains a long time without becoming tough. Pkt., 25 cts.; ½ pint, 50 cts.; pint, 80 cts.; quart, \$1.50.



THORBURN'S VALENTINE WAX BEAN.

Add for postage on Beans when sent by mail 8 cts. per pint, 15 cts. per quart.



## Columbian Mammoth White Asparagus.



COLUMBIAN MAMMOTH WHITE ASPARAGUS.

An entirely new and magnificent variety of Asparagus, which is sure to be in great demand because it furnishes *white shoots* which *stay white* as long as fit for use, without earthing up or any other artificial blanching; and because it can be absolutely depended on to give 80 to 90 per cent. of white plants from seed. This grand novelty has been brought to its present state of perfection by one of the largest and most experienced growers of Asparagus in this country, by many years of careful selection from a single plant found in one of his fields of Conover's Colossal. To-day he has a field of the Columbian Mammoth White from which he sells the product to a canning factory, that allows him over 20 per cent. more for it than for any other kind grown for them. There is no question but this is the greatest advance in Asparagus improvement since the introduction of the Conover's Colossal. Per pkt., 10 cts., oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.00. Roots, 1-year-old, \$1.25 per 100; \$7.00 per 1,000. 2-year-old, \$1.50 per 100; \$9.00 per 1,000.



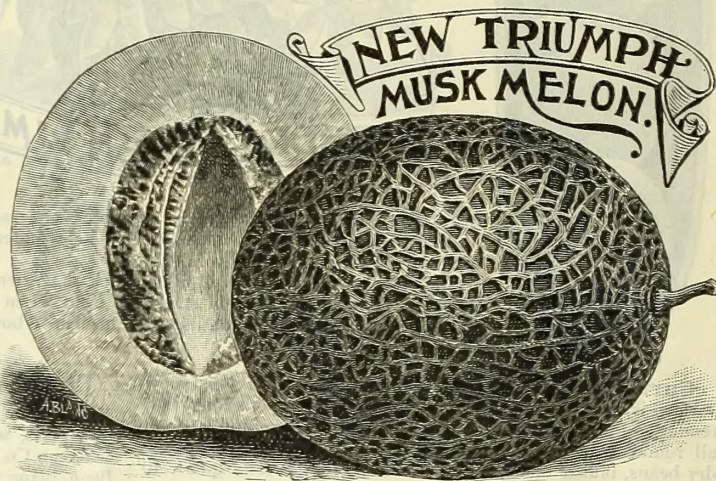
NEW TRIUMPH CELERY.

## Evans' New Triumph Celery.

This new variety comes to us from Canada, and the originator claims it to be the celery of the future and the finest variety ever grown. For solidity, crispness and fine nutty flavor it is unequalled. It is very brittle, of good size, and creamy white in color. Its most valuable recommendation, however, is its remarkably long keeping qualities, which should make it a popular variety for late use for the market gardener. Per pkt., 10 cts.; per oz., 50 cts.

## Crosby's Egyptian Beet.

An improved strain of the Egyptian Beet in great repute in the Boston market. It is much thicker than the original strain, quite as early, of better color and quality, besides being smoother. For market or family gardens it takes the lead. Per pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 30 cts.; lb., \$1.00.

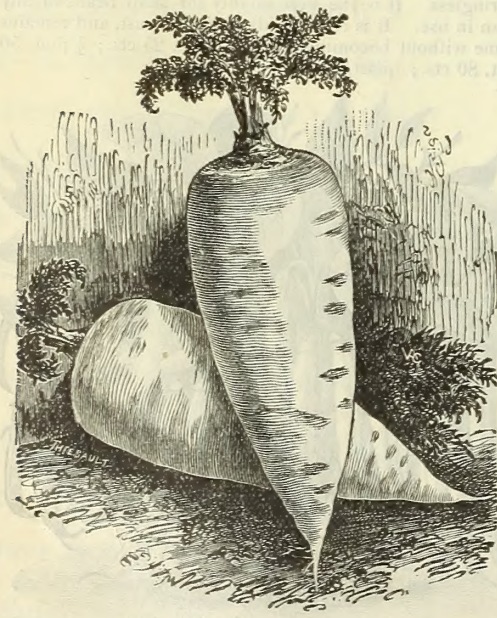


## Triumph Musk Melon.

This superb new melon, which we offered for the first time last year, is a cross between Columbus and Osage, combining all the good qualities of these two most excellent varieties, and is far superior to any melon now in existence. The flesh is red, thick and luscious, and ripens clear to the rind. The melons are of medium size and are beautifully netted. Per pkt., 10 cts.; oz., 50 cts.

## Improved Short White Carrot.

A new and distinct variety which will doubtless take first rank as a field carrot by reason of its great productiveness and its growing well out of the ground, making it comparatively easy to harvest. The roots are half-long and of good shape, as shown in the cut, light green above ground, white below, flesh white, rich, solid and of excellent flavor. Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 90 cts.



IMPROVED SHORT WHITE CARROT.

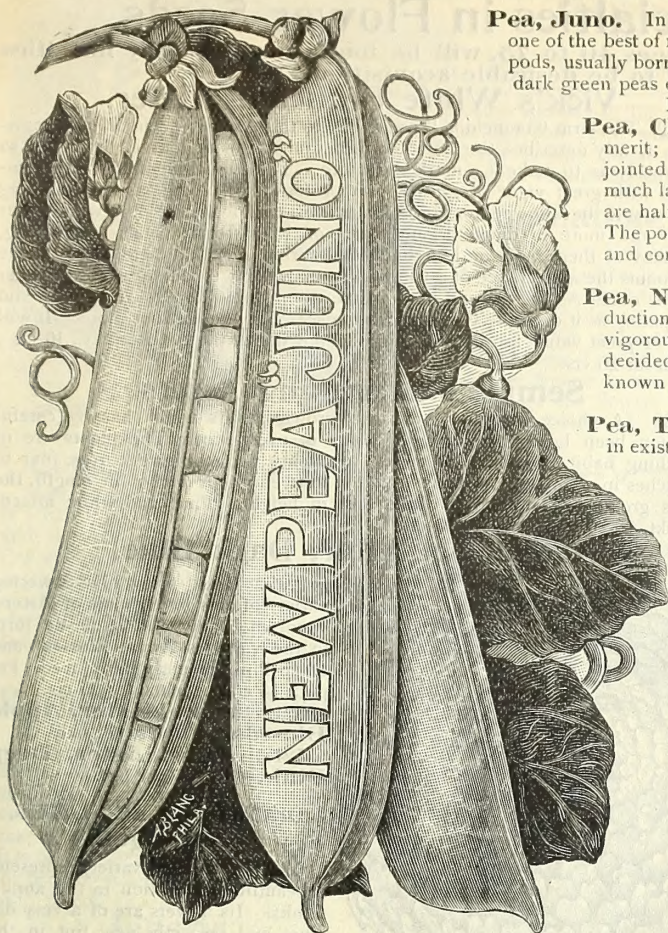
## Golden Self-Blanching Celery.

This valuable Celery is without doubt the best for early market use. Growers, having found it very profitable, are using it largely in preference to other sorts. It is of fine dwarf form, rapid growth, rich golden yellow color, of superior flavor and excellent keeping quality. Pkt., 10 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., \$1.00; lb. \$3.50.

## Sweet Corn, White Cob Cory.

A new and improved variety of the Cory Corn with uniformly *white cobs*. It is as early as the ordinary Cory, with ears fully as large and well filled, and will be preferred by many who object to the red cob sorts. Pkt., 10 cts.; pint, 15 cts.; qt., 25 cts.





NEW PEA, JUNO.

## DOBBIE'S SPECIALTIES.

The following specialties are from a celebrated English grower who has long been famous for his choice selections of vegetable seeds, which are eagerly purchased by amateurs who desire the finest specimens for exhibition purposes. We offer them for trial in original packets.

**Leek, Dobbie's Champion.** This Leek since its introduction has taken more first prizes at the horticultural shows than all others put together. Unlike most other Leeks, it can be grown to a large size without losing any of its good qualities; the form is perfect, the blanched part is always of the purest white, very solid and never ribbed.

Original packets, 15 cts.

**Parsley, Dobbie's Selected.** This Parsley has long been recognized as the standard of excellence in critical English gardens and is very much esteemed for competition, being remarkable for its firmness and close habit. The seed is saved only from specimen plants.

Original packets, 15 cts.

**Dobbie's Selected Parsnip.** This seed has been selected with the greatest care from roots of the finest form and quality. No other stock can compare with it for size and appearance, being of a beautiful pearly white color. It surpassed all others in our trial grounds last year. Original packets, 15 cts.

**Brussels Sprouts, Dobbie's Selected.** This strain has been carefully grown and selected by Mr. Dobbie for a number of years and is of superior excellence. The cultivation of Brussels Sprouts is becoming more general in this country, where it is becoming better known and appreciated for its fine qualities as a vegetable. Original packets, 15 cts.

**Beet, Dobbie's New Purple.** Great attention is now given to Beetroot and as a consequence the demands are becoming more exacting on new strains that are represented as good ones. This strain is unequalled for form, smoothness, color of the root and quality. It has received numerous first prizes at the leading shows in England and a certificate at the Vegetable Conference at Chiswick as the best type of dark Beet. Original packets 15 cts.

**Turnip, Dobbie's Model White.** This variety is remarkable for its fine form, earliness and quality, and cannot be too strongly recommended. It is the greatest advance in white varieties that has been seen. Original packets, 15 cts.

**Pea, Juno.** In our trials of imported new peas this variety has proved one of the best of recent introduction. It has a robust vine and large, straight pods, usually borne in pairs, and bearing in each from seven to nine large, dark green peas of delicious quality; season medium early, height two feet. Pkt., 10 cts.; pint, 25 cts.; qt., 40 cts.

**Pea, Chelsea Gem.** An extra early dwarf variety of great merit; growing about 15 inches in height, and of compact short-jointed habit; it is as early as *American Wonder*, and gives a much larger crop, bearing an abundance of handsome pods, which are half as long again as those of any other first early dwarf kind. The pods, which are produced in pairs, are remarkably well filled, and contain eight to ten good-sized peas of first-rate quality.

Pkt., 10 cts.; pint, 25 cts.; qt., 40 cts.

**Pea, Nott's Excelsior.** One of the best of recent introduction, an improvement on *American Wonder*, being more vigorous and prolific, with larger pods and more peas. A decided acquisition and sure to become popular when generally known; height one foot.

Pkt., 10 cts.; pint, 25 cts.; qt., 40 cts.

**Pea, The Stanley.** This delicious new Pea is the sweetest in existence. It is a cross of *American Wonder* and *Telephone*, and inherits the delicacy of those fine varieties. When seen growing with other sorts it is conspicuous for its uncommonly large foliage, its stocky vine, and the abundance of its fine large pods, about 4 inches in length. Pkt., 10 cts.; pint, 25 cts.; qt., 40 cts.

(We charge 8 cts. per pint and 15 cts. per quart additional on Peas when sent by mail.)

**Spinach, New Victoria.** This is an improvement on the old Round-Seeded Spinach, being more robust and larger and remaining fit for use about ten days longer. It is hardier and firmer than other varieties and stands better. Being a more vigorous grower, it requires more room in the drill than ordinary sorts and should be well thinned.

Pkt., 5 cts.; oz., 10 cts.;  $\frac{1}{4}$  lb., 20 cts.; lb., 50 cts.

**Tomato, Early Michigan.** This variety proved to be one of the best in our trial grounds last year; fruit of medium size to large, very early, solid, smooth and perfectly shaped, color rich red, of excellent flavor; vines large, with large dark green leaves, vigorous and a heavy cropper.

Pkt., 5 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.



PEA, CHELSEA GEM.



## Novelties and Specialties in Flower Seeds.

In our General List of Flower Seeds, pages 40 to 75, will be found many worthy novelties of recent introduction that have proved to be desirable acquisitions.



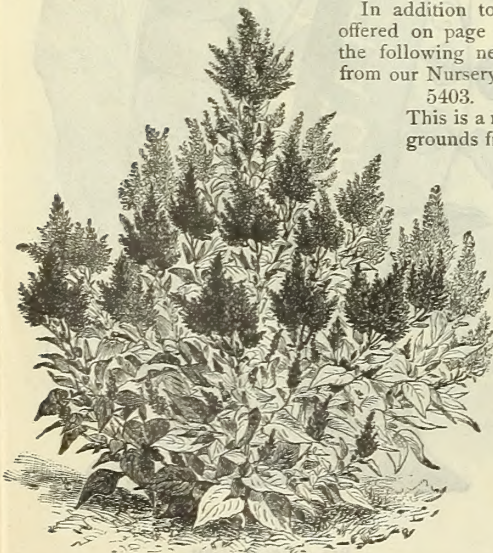
NEW WHITE BRANCHING ASTER.

### Antirrhinum, Queen of the North.

5142. A new and most beautiful Antirrhinum, the finest of all the Snapdragons. It forms an excellent plant, growing one foot in height and densely covered with large white flowers, each plant occupying a space of 1 to 1½ feet. It is a gem for beds and borders and a valuable plant for pot culture. Per pkt. 20 cts.

### Celosia, Thomson's Superb Feathered.

5444. This new variety has attracted general attention in the public gardens of Paris. The plant is pyramidal in growth, attaining a height of a little more than two feet, and produces a number of beautiful large spikes of the most brilliant crimson color imaginable. In full sunlight it makes a magnificent display when the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Per pkt., 25 cts.



CELOSIA, THOMSON'S SUPERB FEATHERED.

### Vick's White Branching Aster.

5222. The term "branching" as applied to this Aster is peculiarly appropriate, as it fitly describes the habit of the plant, throwing out its branches so numerous as to make it a marked feature. The branching habit is accompanied with great vigor of growth and profusion of bloom, and in planting room should be allowed for development. The flowers are pure white, four inches and more in diameter, and borne on long stems; petals broad, long, and many of them more or less tinted and curled in such a measure as to give the blooms the appearance of a Chrysanthemum. Its blooming period is later than all other Asters, coming in at a time when other flowers are scarce and anticipating as it does the Chrysanthemum season by a month or more. It will prove of great value for cutting and for the flower trade. Per pkt., 10 cts.; 3 pkts. for 25 cts.

### Semple's Branching Asters.

5223. A choice strain of American grown Asters which has by careful selection been brought to a high degree of excellence. The plants are of branching habit, producing from ten to twenty perfect flowers from four to six inches in diameter on stems from ten to twenty-four inches in length, the plants growing from two to three feet in height. Pink and white mixed. Per pkt. 10 cts.; 3 pkts. for 25 cts.

### New Jewel Aster, Dark Blue.

5217. The first blue-flowering variety of this lovely class of Asters, equal in beauty and exquisite form to the varieties Apple Blossom and Deep Pink, recently introduced. Per pkt., 15 cts.; 2 pkts. for 25 cts.

5212. **Jewel Aster, Apple Blossom.** 10 cts. per pkt.

5213. **Jewel Aster, Deep Pink.** 10 cts. per pkt.

### DIANTHUS LACINIATUS, SALMON QUEEN.

5737. This new variety represents a beautiful acquisition to the annual Pinks. Its flowers are of a very distinct and perfectly new tint in this class; they are of the most brilliant salmon color imaginable, changing into a salmon rose when fading. That this variety is distinct from all others is easily proved by the seeds, which are white or yellowish white, while those of all other annual Pinks are dark brown or black. The flowers are well formed and nicely fringed; the plants attain a height of 10 to 12 inches. 75 to 80 per cent. of the seedlings will come true from seed. Per pkt., 15 cts.; 2 pkts. for 25 cts.



JEWEL OR BALL-SHAPED ASTER.

In addition to the varieties of Canna seeds offered on page 48 we can also supply seed of the following new and fine sorts received later from our Nursery.

5403. **Crozy's New Cannas.** This is a mixture of seed saved on our own grounds from the new varieties of Crozy's introductions of last year, and may be expected to produce some new and distinct varieties. Some of our customers who procured seed from us last year had very satisfactory results, securing some very fine flowers. Per pkt., 20 cts.; 3 pkts. for 50 cts.

5404. **Canna, Charles Henderson.** Deep rich crimson, one of the best. Per pkt., 20 cts.

5405. **Canna, Florence Vaughn.** One of the finest yellow-spotted red varieties. Per pkt. 20 cts.

5409. **Canna, Queen Charlotte.** Distinct and beautiful flowers, velvety, blood red, margin of bright yellow. Per pkt. 20 cts.

5406. **Canna, Madame Crozy.** Flowers of largest size, dazzling crimson scarlet bordered golden yellow; very free-flowering. Per pkt., 10 cts.



DIANTHUS LACINIATUS, SALMON QUEEN.





DOUBLE FLOWERING MORNING GLORY.

**Cobæa Macrostemma.**

5589. This new and remarkable variety is a native of the mountains of San Salvador and is quite distinct from the well-known *Cobæa Scandens*. Its flowers are not as large as the latter, but produce a more striking effect on account of the length of their stamens. The plant is a climber and grows very rapidly. Per pkt., 15 cts.; 2 pkts. for 25 cts.

**Lobelia,****Barnard's Perpetual.**

6020. This splendid novelty is without doubt the finest *Lobelia* yet introduced. The flowers are of the most brilliant ultramarine blue, strikingly marked with a pure white blotch at the base of each of the two lower petals. It is of compact habit and useful alike for bedding or growing in pots. Per pkt., 25 cts.

**Linaria****Cymbalaria Alba.**

6016. Very pretty new variety of the trailing "**Kenilworth Ivy**," differing from the original species with light violet flowers by its light green, glossy foliage and its **pure white** flowers. It is of vigorous growth and may either be cultivated as an annual or as a perennial. Suitable for covering rock work or walls or for hanging baskets, thriving equally as well in the shade as in the full sun. Per pkt., 15 cts.

**New Salvia, "Burning Bush."**

(*Salvia Splendens Grandiflora Prostrata*.)

6503. This new *Salvia* makes a compact bush about two and a half feet high and produces long drooping spikes of brilliant scarlet flowers thrown well above the foliage, that make a dazzling effect when grown in groups in a bed or border. Per pkt., 20 cts.

**New Dwarf Salvia, Clara Bedman.**

(*Salvia Splendens Compacta Erecta*.)

6495. This fine variety, which we first introduced two years ago, is one of the finest yet produced. It grows in a compact bush about 2 feet high by 2 feet in diameter. Its erect spikes of miniature flowers of a brilliant scarlet color stand clear above the dark-green foliage and completely cover the plant. Per pkt., 10 cts.

**Saintpaulia Ionantha.**

6488. One of the most charming stove plants introduced of late years. It belongs to the family of the Gesneriaceas, and was recently discovered in East Africa. The tiny plants form a flat rosette of deep green, hairy leaves, which are similar in form to those of the *Gloxinias*, but smaller in all parts and mostly reddish brown underneath. The flower stems, 2 to 4 inches in length, are crowned by beautiful deep blue flowers, bearing a close resemblance, in form as well as in color, to those of our sweet-scented Violet. Stamens deep golden-yellow. A well-established plant will bloom continually throughout the year. Per pkt., 25 cts.

**Double Flowering Morning Glory.**

(*Ipomæa Purpurea Flore Pleno*.)

5631. This, the first double flowering *Convolvulus Major* or Morning Glory yet introduced, has been produced by hybridation and will be greeted as a welcome addition to this class of plants. It is of rapid growth and very free flowering; flowers are white with a slight spot of red or of blue at the base of the larger petals. About eighty per cent. of the seedlings will produce double flowers, the remainder, semi-double or single. Per pkt. 15 cts.; 2 pkts. for 25 cts.

**Carnation, Chabaud's Double Perpetual.**

5427. New *Carnation*, raised by a famous French specialist, who claims this to be the best of his introductions. The plant grows about twenty inches in height, is closely branched and carries its blooms well; stalks stiff, flowers large and very double. It blooms in about seven months after being sown and continues to flower in the greatest profusion indefinitely. It possesses all the good qualities of the best Tree *Carnation*, and produces from eighty to ninety per cent. of double flowers. In view of its earliness, hardiness, robust growth, variety in colors of the flowers and abundance of bearing, it is likely to supersede all other varieties. It will be found invaluable for florists and amateurs. Per pkt., 50 cts.



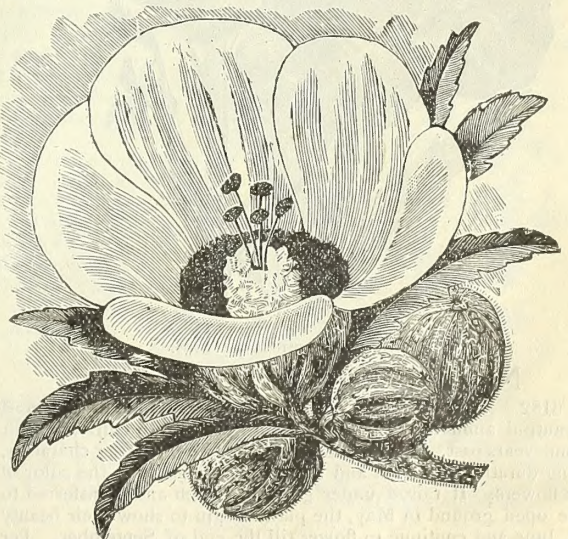
CARNATION, CHABAUD'S PERPETUAL.

**Gerardia Tenuifolia.**

5855. A beautiful half-hardy perennial from Mexico allied to the *Festemon*. It forms regular branching erect bushes 15 inches high, with narrow linear foliage. The flowers are tubular, bell-shaped, of a light violet color, with a pale lilac throat. If sown early in spring the plants will bloom in July—August, or if sown in the summer with other perennials and kept over winter will flower continually through the following summer. Fine for pots as well as for out-door culture. Per pkt., 15 cts.

**Hibiscus, Giant Yellow.**

5943. This is a shrubby perennial plant which can be grown from seed. The plant is an easy and continuous bloomer and its bell-shaped flowers are of remarkably large size, being from six to nine inches in diameter. The color is a rich, deep cream with a velvety maroon centre. The plants commence to bloom early and continuously until cut down by frost. The seeds should be started early in the greenhouse or frame or window, so that the plants may be well developed in time to set out in the border as soon as the weather is settled warm. The plant will survive through the winter in mild climates with slight protection; in cold climates it should be taken up late in the fall and cut back and wintered over in the greenhouse or cellar. Pkt., 15 cts.; 2 pkts., for 25 cts.



HIBISCUS, GIANT YELLOW.



## Novelties in Sweet Peas for 1895.

- 6817 **Blanche Burpee.** This is Mr. Eckford's latest introduction, a new giant white-flowered variety, which is described by the introducer as follows: "A white seeded, pure white, of exquisite form and immense size, having a bold, rigid, upright, shell-shaped standard, of great substance, a wonderfully profuse bloomer and absolutely free from the objectionable notch so conspicuous in other white varieties." It usually bears three flowers on a stem. A very chaste variety, and by far the finest Sweet Pea ever introduced.

In Eckford's original packets: per pkt., 25 cts.; 5 pkts. for \$1.00.

- 6826 **Lady Beaconsfield.** Salmon standards tinted with rose, the wings pale yellow, very distinct and beautiful. Per pkt., 20 cts.

- 6827 **Lady Penzance.** Pale but very bright rose, very striking and distinct, a most chaste and lovely flower. Per pkt., 20 cts.

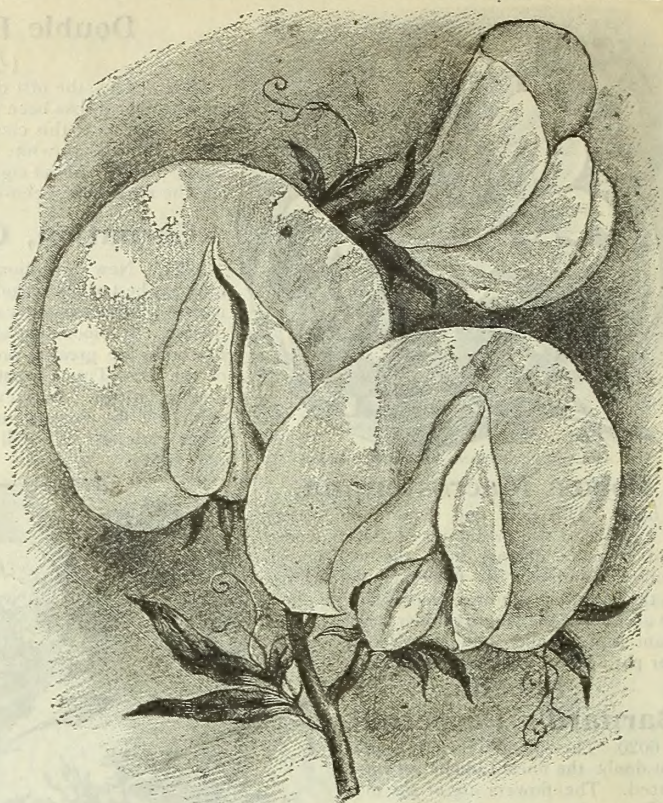
- 6834 **Ovid.** The standards and wings bright rose pink, margined with rose, a very pleasing flower; a great gem. Per pkt., 20 cts.

- 6835 **Venus.** Salmon buff, the standards delicately shaded rosy pink, very distinct; a most charming flower. Per pkt., 10 cts.

### Dreer's Bouquet Collections of Choice Sweet Peas.

6 Beautiful Varieties	\$ .25
12 " " " "	.50
18 " " " "	.75
24 " " " "	1.00
30 " " " "	1.25

See page 73 for general list of Sweet Peas.



NEW WHITE SWEET PEA, BLANCHE BURPEE.

### Ricinus Zanzibariensis.

6477. An entirely new and distinct class of these handsome ornamental plants, which surpass in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze changing to dark green, with reddish ribs. The seeds are quite distinct in color and most beautifully marked. Per pkt., 10 cts.; per oz., 50 cts.



PLANT AND SEEDS OF RICINUS ZANZIBARIENSIS.



NEMESIA STRUMOSA SUTTONI.

### Nemesis Strumosa Suttoni.

6182. This charming plant is undoubtedly one of the most beautiful annuals that has been introduced into cultivation for some years past. It is remarkable for its free-flowering character, long duration in bloom and astonishing diversity in the color of its flowers. If raised under glass in March and transferred to the open ground in May, the plants begin to show their beauty in June and continue in flower till the end of September. Per pkt., 35 cts.



# NEW AND RARE PLANTS.

## Novelties and Specialties for 1895

### BOUGAINVILLEA GLABRA SANDERIANA.

A new variety of Bougainvillea and a plant that we feel certain will become very popular as a pot plant. We give the introducer's description: "It affords us great pleasure to offer this new and by far the most useful flowering plant known. We have

grown this new Bougainvillea in a greenhouse, where it has continued flowering for seven months, small and large plants alike being covered with blossoms. Even plants in thumb-pots were laden with bloom. The house in which our plants have been cultivated has been a sheet of flowers from May until December, and at the time of writing (December 30) the plants are carrying thousands of their brilliant blossoms. Many excellent judges state that this will be a favorite market plant, as it produces as freely as a Fuchsia its dazzling rosy crimson flowers, lasting so long in perfection, and produced in smallest pots, under all conditions, in amazing profusion. We can with all confidence recommend this grand plant as a great acquisition."

Price, 50 cts. each; 5 for \$2.00.

### Anthemis Tinctoria Kelwayii.

This is an improved form of the Hairy Golden Marguerite and a most showy and useful border plant, with large bright golden yellow flowers, continuing in bloom for a long time; very useful for cutting.

20 cts. each; 6 for \$1.00.

### AQUILEGIA CÆRULEA.

#### The True Blue Rocky Mountain Columbine.

This is not a novelty, but is the finest blue Columbine known. For over fifteen years we have been unable to offer the true type, it having entirely disappeared from cultivation through cross fertilization with our ordinary garden varieties. For a number of years we tried to secure the true type from every source known to us, but without success until recently, when we succeeded in obtaining a small quantity of seeds from a collection in the Rocky Mountains, from which we were fortunate in growing a fine stock of plants, enabling us to again offer this fine perennial in its true form.

The flowers of this "Queen of Columbines" measure from 3 to 3½ inches in diameter; the outer five petals, as well as the long spurs, are of beautiful violet blue; the inner petals, being pure white, form a pleasing contrast.

25 cts. each; 5 for \$1.00; \$2.00 per dozen.

### NEW ANEMONE,

#### Lady Ardilaun.

This is unquestionably one of the finest novelties in hardy plants that has been introduced in many years.

It is a variety of the old hardy White Anemone Japonica,

but entirely distinct in foliage and growth, producing flowers much larger, with broader petals and of a wax-like substance, overlapping almost to the points, thus forming a most symmetrical flower. It has two or more rows of petals like the old Japonica, but of purest white, and is certain to become very popular.

50 cts. each; \$5.00 per doz.

### ANEMONE, WHIRLWIND.

Another grand variety that was offered for the first time last season; a semi-double form of the old Japonica, which is supposed to be a cross between this old favorite and Anemone Japonica Rosea. In general style and habit it is identical with the white Anemone. It is of the same strong habit of growth, and is even more free-flowering than the original type. The flowers, which are 2½ to 3 inches across, have several rows of purple white sepals, and have the advantage of lasting much longer than the single varieties. We consider this a good acquisition, and cannot recommend it too highly.

25 cts. each; 5 for \$1.00; \$2.00 per dozen.

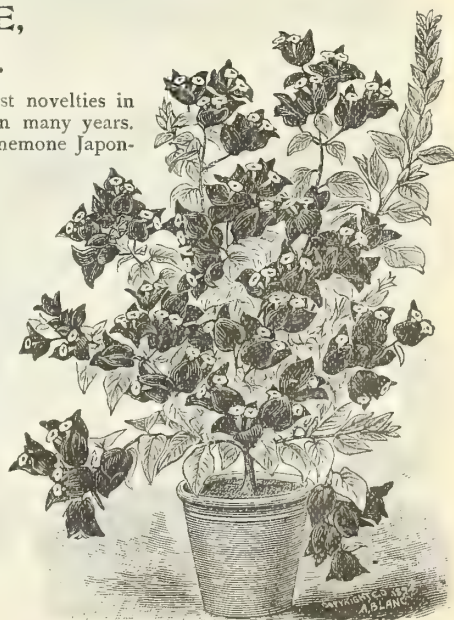
### NEW CARNATION, HELEN KELLER.

Undoubtedly the finest Carnation introduced. It is of immense size, producing flowers over three inches in diameter, which are of the purest white, beautifully pencilled with scarlet; the flowers, which are produced most freely, are borne on stout, stiff stems and are of the most perfect form.

20 cts. each; 6 for \$1.00; 12 for \$1.50.



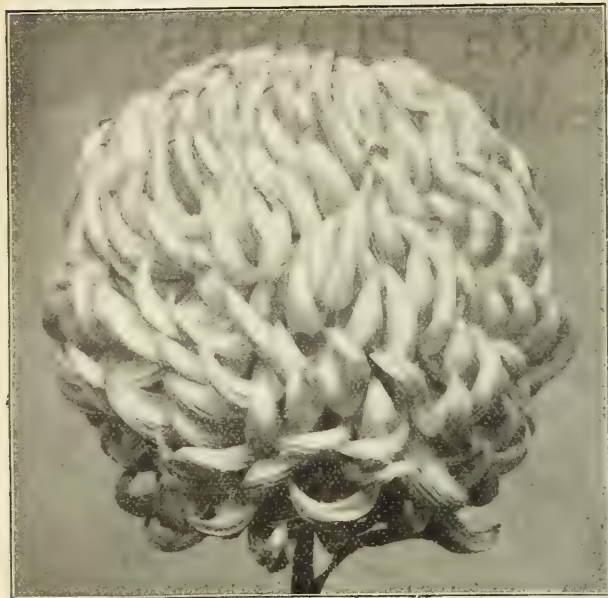
BOUGAINVILLEA SANDERIANA.



PLANT OF BOUGAINVILLEA SANDERIANA.



## NEW CHRYSANTHEMUM, PHILADELPHIA.



CHRYSANTHEMUM, "PHILADELPHIA."

This is undoubtedly the greatest acquisition in Chrysanthemums for many years; it an entirely new type in coloring and in form of petal or floret, and in the general contour of the flower, though it is very nearly globular as a whole. The formation of its florets and their disposition makes it gracefully globular in form; its color is white, illuminated with lemon yellow, giving it light and life never before seen in a Chrysanthemum. It was awarded the highest honor by the American Chrysanthemum Society and was also the centre of attraction at the fall Chrysanthemum Shows in the following cities, at all of which it was shown at the same time: Boston, Baltimore, Chicago, Cincinnati, Indianapolis, New York, Philadelphia, St. Louis and London, England. 50 cts. each; \$5.00 per dozen.

## COLEUS, MRS. F. SANDER.

This splendid new Coleus differs from all other varieties in having a wedge of creamy white in the centre of the leaf, with a clearly defined margin of oxide green, bronze, crimson and purple. It is the most beautiful and distinct variety yet raised. 25 cts. each; 5 for \$1.00.

## FUCHSIA, LITTLE BEAUTY.

We offered this variety for the first time last season, but after another season's trial feel that we hardly did it justice in describing it. It is undoubtedly the best plant of its class introduced for many years. A perfect gem, the freest flowering Fuchsia ever introduced, beginning to bloom when only two inches high, and continues in flower the year round.

As many as one hundred and fifty open flowers and buds have been counted on a single plant in a 4-inch pot at one time. Flowers are 1½ inches long, with bright red tube and sepals and purple corolla. 30 cts. each; 4 for \$1.00.

## GENISTA ANDREANA.

A most desirable shrub either for planting in the open border or for growing in pots as a decorative spring-flowering plant, like the well-known Genista Fragrans and Racemosa that are grown so extensively for Easter decorations; but unlike those varieties, which are entirely yellow, the flowers of this new variety, which are nearly four times as large, are produced in large terminal racemes, the lower lip being of a bright yellow, while the upper one is of a rich brownish crimson. (See cut on page 131.) The plant is of elegant habit, with dark-green stems and foliage, and is said to be hardy south of New York. 50 cts. each.

## HYPERICUM MOSERIANUM.

### The New St. John's Wort.

We take pleasure in calling attention to this beautiful plant, which has been universally admired and is acknowledged to be one of the very best herbaceous plants of recent introduction. The habit of the plant is free and graceful; it produces long, slender, much-branched stems, leafy to the base and all drooping toward the ends, apparently from the weight of the flowers and buds, although the flowers face so that none of their beauty is lost. It is marvellously free flowering, of large size, measuring from 2 to 2½ inches in diameter, in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season. It is perfectly hardy, forming a bush about 3 feet high. Strong plants, 30 cts. each; 4 for \$1.00.

## HELIOPSIS

### PITCHERIANUS.

Another desirable hardy herbaceous plant, growing from 2 to 3 feet high, and a perpetual bloomer, beginning to flower early in the season and continuing in bloom the entire summer. The flowers are of a beautiful deep golden yellow color, about 2 inches in diameter, of very thick texture, and are very graceful for cutting. 30 cts. each; \$3.00 per dozen.

## LOTUS PELYOURENSIS.

### (Coral Gem.)

This charming plant seems to be unknown in this country, yet it is so well thought of abroad that a prominent horticultural journal color-plated it. *The Garden* says of it: "Its slender branching habit is most striking, and the silvery foliage even more so. Without its flowers it might almost be described as a Silvery



NEW COLEUS, MRS. F. SANDER.



HYPERICUM MOSERIANUM.

Asparagus; but the bright coral-red flowers, measuring 2 inches in length, are really beautiful, greatly reminding one of the rare and beautiful Clanthus or Glory Pea, so difficult to grow, while this gem is of the easiest possible management. Its drooping habit also makes it useful for hanging baskets." It is nearly hardy. Price, 20 cts. each; \$1.50 per dozen.



# Four Grand New Dahlias.

## Fern Leaved Beauty.

(No. 1.) This is another gem of Mr. Bassett's, of the same type, but distinct from American Flag. It has been called Fern Leaved Beauty on account of its very distinct foliage, which is finely cut, like that of a strong-growing Fern. (See illustration.) The habit of the plant is strong, but dwarf, growing about two feet high, branching near the ground and forming a compact mass of foliage, which makes it a fine ornamental plant, even without flowers. The flowers, which are produced on long stems, well above the foliage, are of medium size, with petals quilled or shell-like, regularly arranged, but standing out from each other, giving the flower a graceful elegance and freedom from stiff formality. Color, creamy white, with petals heavily bordered with dark crimson, which gradually diminishes at the points of the outer petals, causing a gradual shading off of color from the centre to the edges.

Strong plants, ready March 15th, 50 cts. each.

## American Flag.

(No. 3.) A most distinct show variety that originated with Mr. W. F. Bassett, who is one of our most enthusiastic local growers of this favorite flower. The flowers are of medium size, measuring about three inches in diameter, petals quilled in the centre, but opening shell-formed when fully expanded; color pure white with a prominent border of brilliant cherry red on each side of the petals and occasionally a centre stripe of the same color. Unlike many other varieties described as pure white, the white portions of this are really snow white, while the markings are of the most intense cherry red.

Strong plants,  
ready March  
15th, 50 cts.  
each.

## Mrs. Peart.

(No. 2.) This is the most distinct Cactus Dahlia yet offered and the only variety worthy of the name of Cactus; it is the first real white Cactus Dahlia ever raised and a marvelous improvement upon every variety in cultivation. It stands out in bold relief from all others and is the admiration of every one who has seen it. The plant is of medium growth, exceedingly floriferous, the flowers standing clear above the foliage; these are of medium size, of the purest white, with a slight tinge of lemon in the centre when it first opens; this dies off as the flower fully expands. The illustration gives a better idea of its form than any description that we can give. It is of English origin and has been awarded numerous certificates and medals. Good plants, ready March 15th, 75 cts. each.

## Blanche Keith.

Another grand Cactus Dahlia and an improvement upon all the yellows up to date. The petals are long and twisted, very full and evenly arranged, and of a rich uniform yellow throughout. It is also remarkably free flowering, with the flowers standing well above the foliage and the plant not growing over three feet in height; a great advantage, seeing that so many varieties of this section grow to a great height, rendering them unsuitable for many places. This variety has also received many certificates and medals. Good plants, ready March 15th, 50 cts. each.

We will furnish one each of this set of four distinct and novel Dahlias for \$2.00.







LYCHNIS, PLENISSIMA SEMPERFLORENS.

### NEW LYCHNIS, PLENISSIMA SEMPERFLORENS.

One of the greatest additions to our list of hardy perennials, beginning to flower early in the Spring and continuing throughout the entire summer. The flower is of a beautiful tender rose-color and is produced in long, bushy spikes. One of its greatest advantages is its easy forcing qualities in an ordinary greenhouse or cool conservatory, where it will produce from October to April, with ordinary care, hundreds of flowers. 30 cts. each; 4 for \$1.00.

### LILIUM WALLICHIANUM.

We have succeeded in procuring a fine stock of this most beautiful of all the Trumpet Lilies. It has immense funnel or trumpet shaped flowers of heavy texture and of elegant color, which is of a pure white shaded with chocolate on the outside and delicately tinged with yellow on the inside. It has been awarded medals and certificates wherever shown and has always been rare and offered only at very high prices. We offer fine strong bulbs at 75 cts. each.

### RHODOCHITON VOLUBILE.

One of the best climbers. At this season it festoons the rafters of a cool greenhouse with wreaths of purple bell-like calyxes, with deep crimson, almost black, corollas. It is of the simplest culture in large pots, or when planted out.—*Garden and Forest*.

*Rhodochiton Volubile* is exceedingly graceful in habit. The branches are clothed with pale green leaves, from the axils of which droop the flowers, which have a prominent bell-shaped calyx of rosy purple color and dark purple tubular corolla. The plant is in bloom at all times. It may be grown in a mixture of rich loam and leaf mold in equal parts.—M. BARKER, in *Garden and Forest*.

The color of this rare climber is so unique that every one will be pleased with it. 20 cts. each; \$2.00 per doz.

### Improved Dwarf Rocky Mountain Cherry.

This rare cherry is a native of the Rocky Mountains; for preserves or to eat out of hand it has no equal in the line of pitted fruits. The plants are of bushy habit, growing from two to four feet high. It is entirely hardy and most desirable as an ornamental plant for the garden or lawn.

Strong 1-year-old plants, 25 cts. each; \$2.50 per doz.

" 2 " " " 30 " " 3.00 " "



STROBILANTHES DYERIANUS.

### STROBILANTHES DYERIANUS.

A new and attractive plant now offered for the first time suitable for growing in pots for house decoration and for bedding out in the summer; it forms a compact bush 18 inches high with leaves 6 to 9 inches long and 3 to 4 inches wide, of the most intense metallic purple color, shading into light rose with a light green margin, a combination unapproached by any other plant. The flowers are of a violet blue and very pretty. It is said to make an excellent bedding plant, having been planted out at the gardens of the White House the past summer, where it attracted considerable notice. 25 cts. each; 5 for \$1.00.



IMPROVED DWARF ROCKY MOUNTAIN CHERRY.



# New Ever-Blooming Roses for 1895.

**ALBERTINE BORGUET.** Large, almost full, flowers, beautifully formed. Color, yellow-mauve with canary centre, sometimes shaded with light green. A constant bloomer and very fragrant. In habit and shape of flower it resembles Isabella Sprunt, but the petals have more substance and the flowers are more double. A new and strange color in roses. Good young plants, 25 cts. each.

**COMTESSE DUSY.** Moderate and branching in growth, with large, full, pure white flowers of handsome, imbricated form. The beautiful buds are long and finely moulded. Good young plants, 25 cts. each.

**CORIENNE.** A new English rose of great promise. It has been awarded the gold medal in London and several certificates of merit. The color is a beautiful flesh, shaded with rose and suffused with tawny copper. The flowers are of a large size, excellent shape and freely produced. Good young plants, 35 cts. each.

**GRAZIELLA.** A strong-growing variety, with very large, exceedingly full flowers, always opening well. Color cream-white, tinted with pink; brilliant satiny petals. This lovely sort has received several silver medals in France. Good young plants, 50 cts. each.

**MADAME CARNOT.** A new French variety that will be useful because of its beautiful, long, pointed buds, which can be cut with very long stems. The flowers are white, shading to pale sulphur-yellow; very large and nearly full. Good young plants, 25 cts. each.

**MADAME EDWARD HELFENBIEN.** We regret that this lovely Rose has not a popular name, for it is one of the best of the Continental varieties for 1895. It is of strong, vigorous growth, of free-flowering habit, and the flowers are so unique in color that we value it as an important addition to our list of fine Roses. The buds are globular, with petals of good substance; the full flower is double and the color is chamois-apricot-yellow, shaded with carmine-rose, veined in varying depth. Good young plants, 35 cts. each.

**MADAME JOS. COMBET.** A Hybrid Tea of very strong growth. The flowers are produced singly on exceptionally long, thornless stems, and are large, full, and perfectly imbricated. Beautiful cream-white, tinted rose, with light-yellow centre. This lovely sort received the Silver Medal in France. Good young plants, 50 cts. each.

**PERLE DE FEU.** A perfect little gem. The flowers are of only medium size, but the buds are perfectly formed, and the color is so intense that its name, "The Fire Pearl," is a better description than any we can give. French Rosarians describe it as poppy-red, shaded vermillion and nankeen-yellow, with chamois tints on the reflex of petals. An odd, captivating little rose. Good young plants, 35 cts. each.

**YVONNE GRAVIER.** Flowers of medium size, almost double. Color a beautiful cream, shading at the centre to canary-yellow; reverse of petals light rose. The combination of colors gives a delicate freshness to the flowers that is very attractive. Good young plants, 25 cts. each.

**GERMAINE TROCHON.** A new climbing Hybrid Tea of very vigorous growth.

The flowers are large and globular; color, light salmon, with nankeen-orange and yellow centres. A valuable climbing Rose for the South. Good young plants, 25 cts. each.

**LA NIEGE.** A new Bengal or Daily Rose. We have only a few Roses of this class, and this lovely variety is a welcome addition. The flowers are pure white, medium in size, very double, and so freely produced that a bed of it will be in bloom the entire Summer. The form of the full flower is quite distinct; the centre petals are formed like an Anemone, while the outer ones are reflexed. Good young plants, 25 cts. each.

**HIPPOLYTE BARREAU.** Distinguished among the crimson roses of the year for its striking shape and contour, which are as beautiful as they are unusual. In the buds, which are solid and beautifully moulded, the petals close upon each other in folds of deep carmine-crimson, shaded with velvety maroon; in the open flower they are regularly and elegantly reflexed almost to the centre, yet

A. BLANC

HIPPOLYTE BARREAU

with a soft, light effect that has no suggestion of heaviness. A glowing flower, so double and perfect that it challenges you to find any fault with it. Good young plants, 35 cts. each.

We will furnish the above collection of new Roses, including **CRIMSON RAMBLER**, described on page 110 of this catalogue (which is absolutely the greatest novelty in Roses introduced for many years), 13 plants in all, for \$4 00.



# NEW HYBRID PERPETUAL ROSES.



MRS. J. SHARMAN CRAWFORD.



## Mrs. J. Sharman Crawford.

This lovely new hybrid is one of the few large-flowering Roses that bloom constantly and are perfectly hardy. In Great Britain it has won prizes wherever exhibited. In a single year it received, besides the Gold Medal of the National Rose Society of England, first-class certificates from the following famous sources: The Royal Horticultural, of Ireland; Clontarf, and the West of Scotland. Mrs. J. Sharman Crawford is unquestionably a Rose of great excellence. Color, deep rosy pink; the outer petals tinted with pale flesh in quite a new and unique shade; white at base of petals. So distinct from all other Hybrid Perpetuals that the blooms exhibited last season created quite a sensation. The flowers are large, full, and very fragrant, of perfect, imbricated form, and freely produced, the plant blooming continually from summer until late autumn. The petals are prettily cupped and pointed, and the silvery lustre on the reverse makes the flower shimmer in the sunshine. A Rose in every respect superb. Good strong young plants, 50 cts. each.

## Marchioness of Londonderry.

This is a free-blooming, vigorous new Hybrid Perpetual Rose of especial beauty. It was awarded the Gold Medal of the National Rose Society at the Crystal Palace, London, in 1894, and is considered a valuable addition to our small list of white hybrids. The petals are shell-shaped, reflexed, and of good substance, forming an elegant, shapely flower. Pure white, highly perfumed. Good young plants, 50 cts. each.

## New Hybrid Tea Rose, Belle Siebrecht.

A truly superb Rose, the result of a cross between La France and Lady Fitzwilliams, described by the introducer as follows: Color, imperial pink. Mr. Schuyler F. Matthews, the greatest authority on colors in America, pronounces it a solid pink of the richest shade, a rare color.

The flowers, which are sweetly perfumed, are large, beautifully formed and of that long tapering shape, with high centre, and when half blown the petals reflex in a graceful manner. The buds (which are borne on strong erect stems  $1\frac{1}{2}$  to 2 feet in length) are from  $2\frac{1}{2}$  to 3 inches long and when fully open the flowers are  $5\frac{1}{2}$  to 6 inches in diameter without showing the centre. The flowers have great substance. The petals, which are of a heavy texture, do not easily

bruise or tarnish. They are good lasters, some having been kept seven days without falling. It is a free and vigorous grower with large and glossy foliage of leathery texture, entirely free from mildew. A most prolific bloomer, every growth producing a perfect flower, not a deformed flower or bullhead ever having been seen. It is predicted by eminent Rose growers that it will be the best selling and the best paying Rose that has ever been introduced. We do not send this Rose out to be tried, as we have subjected it to the severest tests for over two

years and we can recommend it as a first-class acquisition. It has received the Gold Medal of the National Rose Society of Great Britain and first-class certificates from all the leading horticultural societies both in Europe and America. It has proved itself to be perfectly hardy out of doors in this country and a free and thorough everbloomer. It should also be stated that this Rose is quite distinct from the now popular varieties, which are grown for cut flowers. It excels them all in color, form and freedom of blooming. It is much richer and more brilliant in color than either American Beauty or Bridesmaid and in shape more graceful, and develops and holds its color perfectly in dull weather. Dean Hole of England, the acknowledged greatest Rosarian and author of the "Book on Roses," says: "It has not only the fine form and most beautiful color, which all must admire, but also the vigorous habit and endurance of the flowers, all of which will make it to be universally welcomed."

Plants from  $3\frac{1}{2}$  inch pots, \$1.00 each; \$10.00 per doz.

In  $2\frac{1}{2}$  inch pots, 75 cts. each; \$7.50 per doz. Six at dozen rates.

The box of Roses arrived to-day in tip-top condition. It affords me pleasure to say to you that the plants are very satisfactory.

Plants reached me to-day. Am very much pleased with them. Mrs. Peck says the Roses are the best she ever received.

L. A. VAUGHN, Winston, N. C., March 31, 1894.

WILLIAM H. PECK, Dover, Del., April 13, 1894.



Established 1838

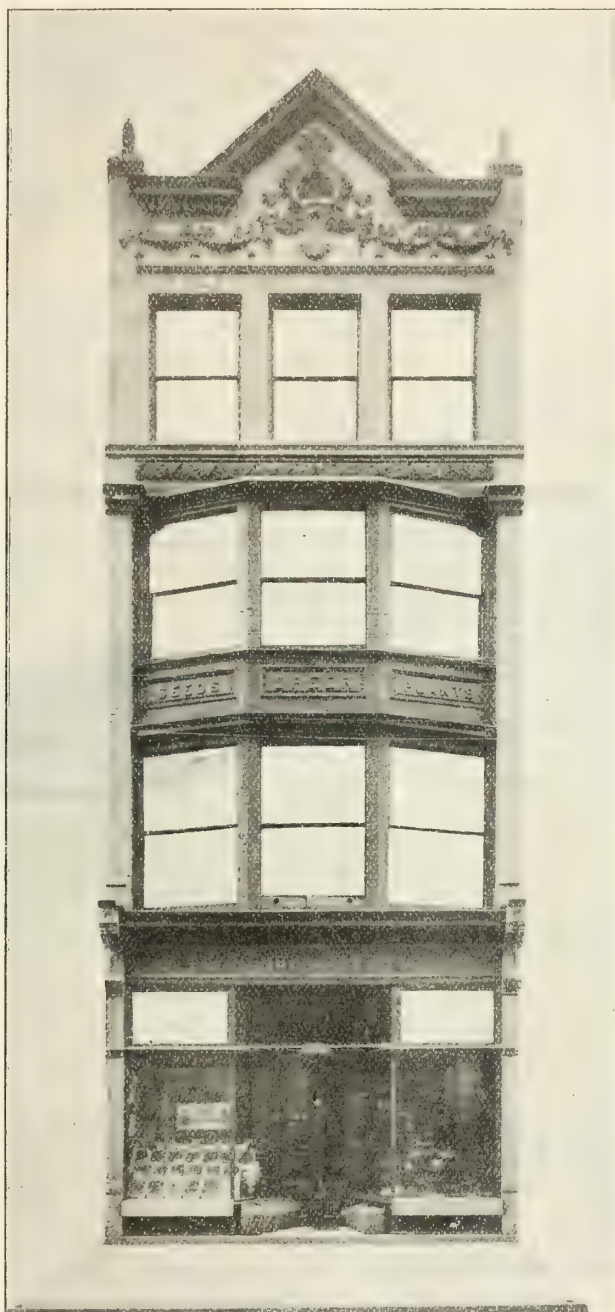
1895

Incorporated 1892

# DREER'S GARDEN CALENDAR



Vegetable  
Field and  
Flower  
Seeds  
Garden  
Implements  
and  
Requisites



VIEW OF OUR CHESTNUT STREET WAREHOUSE



New  
Rare  
and  
Beautiful  
Plants  
Summer  
Flowering  
Bulbs



## HENRY A. DREER

714 Chestnut Street

GREENHOUSES AND TRIAL GROUNDS, RIVERTON, N. J.

PHILADELPHIA



# THE VEGETABLE GARDEN.



If practicable, the Garden should have a warm and southeasterly exposure. But when the ground slopes to the north and west it is important to have it located on the sunny side of an orchard or buildings. The most desirable situation possible should be set apart for the kitchen garden, as the exposure has much to do with the early maturity of the crops. The soil must be in a friable state to secure the prompt vegetation of the seeds and the proper growth of the plants. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture.

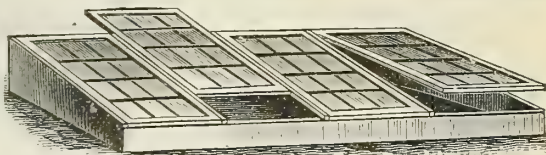
To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well drained, thoroughly trenched, and enriched by a judicious application of manure.

## ROTATION OF CROPS.

A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil. Care should be taken that deep-rooted plants, such as Beets, Carrots, Parsnips, etc., are not planted successive seasons on the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, etc.; plants of the Brassica, or Cabbage tribe, are apt to become diseased at the roots (club-rooted, as it is termed), if too frequently planted in the same ground.

## HOT BEDS AND COLD FRAMES.

**HOT-BEDS.**—There are several aids to the economical management of the garden, which are almost indispensable; one of these is the hot-bed for growing early plants or vegetables. A frame, such as is shown in the illustration, may be made of various sizes, according to the size of garden, from two sashes upwards. The sashes are generally made 6 feet long by 3 feet wide, but we consider 4 feet preferable. Use 8 by 10 glass. The entire frame of four sashes is 16 feet 5 inches by 6 feet—allowing 1 inch separation on the bearers. The glass should be imbedded in the putty and secured with points, and well painted every year to keep in repair. After the season for use is past, store them away from the weather or keep in a pile with a board covering. Care in these respects will save considerable annual expense. The hot-bed should have a southern or southeastern exposure, and should be made with fresh horse manure, which must be laid in a heap preparatory to being used; when in a proper state of fermentation, place the frame on the heap. Six inches of rich loamy soil must be spread over the manure, then cover the frame with the sashes, and after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. The heap should be made two feet longer and wider than the frame. Where the ground is well drained, a better plan is to dig out a space the size of the frame from 1 to 2 feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.



In addition to the hot-bed frame, mats or shutters will be required to cover the sash during cold days and nights.

**COLD FRAMES.**—The cold frame for wintering Cabbage, Cauliflower, Lettuce, Plants, etc., should be constructed of 1-inch boards 1 foot high at the back and 9 inches high in front; short posts, set four feet apart, will keep the frame in position. For ordinary gardens a frame 12 to 16 feet long and 6 feet wide will answer all requirements. The shutters should be 6 feet 4 inches long by 3 feet wide, made of common rough boards. The soil should be enriched by old and well-decayed manure; the object being to preserve and not to grow the plants during the winter. Give plenty of air every mild day, but do not expose the plants to the sun when the ground or plants are frozen, as it will destroy them.

Very many who read this article on hot beds and cold frames do not require the expense for a few vegetable and flower plants. To such there is an excellent substitute on hand in most dwellings, in the kitchen or basement windows, facing south or east, inside of which is a temperature usually not far from that required for the vegetation of seeds, and where seeds of early vegetables, or tender plants for the flower border, may be raised nearly as well, and with far less attention, than in a hot-bed.

## THOROUGH SEED TESTS.

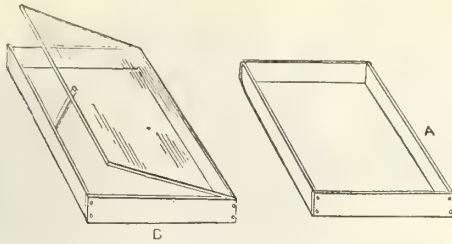
For the protection of the planter and the benefit of the seller careful seed tests are made before the selling season at our extensive greenhouse establishment at Riverton, where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

The trial grounds at our Rosemont Experimental Farm are devoted to the growing of all new and old varieties, and furnish opportunity for comparison of their relative merits, and we are thus enabled to quickly ascertain, for our customer's interest, which sorts to recommend or discard.



# Success with Flower Seeds.

Provided the soil is in a proper state, flower seeds may be sown in the open border in the months of April and May. The seeds should be sown as soon as the soil becomes dry and easily crumbled, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds of light, rich soil, and transplanted into the garden. The former is the more simple method, but not always as satisfactory. The better is to sow all fine seeds under glass in a greenhouse, hot-bed, or in the house. As to the depth to which seeds should be covered, the best general rule is to cover fine seeds very lightly, just enough to protect them from the sun; and in extremely dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press them slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies with the cultivator.



For sowing seeds, shallow boxes 2 to 3 inches deep, and covered with a light of glass and with open seams at the bottom, so that the water can drain through quickly, are best. (These we keep in stock all ready for use.) The best soil is a mixture of equal parts of sand, leaf-mould, and light, rich garden loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots, pans, or boxes within half an inch of the rim; press the soil firmly and evenly. If the soil is dry it is best to water freely a day or two before sowing the seed, to enable the surplus water to drain off. After they are sown cover slightly with fine soil, carefully water with a fine rose or spray dampener, to settle the soil. When they

are designed to be grown in the house, the temperature should be as near 60 degrees as possible; place them in a light window facing south or east.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or a too frequent indiscriminate watering, usually leads to the eventual loss of the whole. As soon as the plants appear, they will require careful attention, as the least over-watering may cause them to "damp off," and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant some air may be admitted. As soon as the plants are large enough to handle, prick them into other boxes or pots, placing them about 1 inch apart each way; they must be shaded for a few days from the sun, until they are established. When large enough they can be potted in small pots, and kept until the proper season for planting in the garden.

The germination of many hard seeds, especially among greenhouse or hot-house species, which are almost impervious to moisture, is greatly accelerated by pouring warm water over them, or soaking them over night in camphorated water, and then sowing. Thus treated, the young plants appear in a few weeks; but without such treatment they often lie dormant many months. The varieties of *Acacia*, *Erythrina*, *Canna* and *Smilax* are the most prominent of this class.

**Climbers**, for garden decorations, should be sown in February and March, the earlier the better, as the display in season will be in proportion to their early vigor.

**Calceolaria** and **Primula** are types of a class that require entirely different treatment; to insure success they should be sown in pots or boxes half filled with rough siftings; on this put two inches of fine compost, and sift over this a top-dressing of the same material, using a fine sieve. Sow the seed on the surface and press gently in, using a flat surface. Sprinkle with a fine rose; cover with a pane of glass, and keep shaded from the sun. The surface should be kept damp, and the pots or boxes kept in a moist, warm temperature. As soon as the seedlings are strong enough they must be potted in small pots, in soil prepared as before, and kept in the same situation until well established.

## WHY SEEDS FAIL.

From a conviction that the Seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would briefly state some of the causes.

Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by an observance of the difference in temperature. Thus, to the North, the directions for March will apply to April; and at the South to January, February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties will not be planted until the ground can be brought into good condition, as some species of plants, that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

Some species of seed, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, etc., being from their nature apt to vegetate quickly, are often destroyed while germinating through variableness of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above the ground, unless a suitable remedy is applied in time to destroy the insects.

Other species, such as Carrots, Celery, Leek, Onion, Parsley, Parsnip, Spinach, etc., being naturally of tardy growth, take (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances, which cannot always be controlled.

Failures often occur through seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for the want of a proper quantity of seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in over manuring and improperly preparing the soil causes defeat.

In some sowings of seed made during dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ. We are satisfied that thousands of pounds of Turnip, late Cabbage and other summer-sown seeds are annually lost from this neglect. Never tread or roll in the seeds when the ground is wet.

Do not raise Egg Plants, etc., in the same hot-bed with Cabbage, and other half-hardy plants that require air every mild day; by such management one or the other must suffer—heat being the principal requisite of tender plants, and air that of the more hardy varieties.



# General Directions to Correspondents.

PHILADELPHIA, January, 1895.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as to ourselves.

**POSTAGE PAID.**—We deliver, postage paid, to any Post Office in the United States, **Vegetable and Flower Seeds, in Packets, Ounces and Pounds** when ordered at Catalogue prices, except where otherwise noted. Plants may be safely sent by mail, when so required, in orders amounting to not less than 50 cents.

**EXPRESS.**—It will be very much cheaper to the purchaser if Seeds are ordered to be sent by Express or Rail at their expense when desired in quantities of pounds, quarts and upwards. In all cases where possible we advise our customers to have their plants forwarded by Express, as larger and finer plants can be sent, and "extras" are added to help defray charges. *Plants are now taken by the Express Companies at a reduction of twenty per cent. from the regular rates of merchandise.*

**BAGGAGE-MASTER DELIVERIES,** up to 50 lbs., are very convenient to points within twenty-five miles of Philadelphia.

**RAIL OR STEAMER.**—Fertilizers, Implements and miscellaneous bulky or heavy articles can be sent only by Express, Rail or Steamer, at the purchaser's expense.

**PACKING.**—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Office.

**REMITTANCES** should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks, or Express Money Orders. Where it is not possible to obtain these, the letters should be registered. We disclaim all responsibility when remittances are not made as above directed. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

**CASH WITH ORDER.**—Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your orders. During the busy season, to make out bills for customers, charge, and in a few days receive the money, make the proper credit and send receipt, requires more work than we can readily perform. We do not send perishable goods Collect on Delivery.

**NEW CUSTOMERS.**—Orders from parties unknown to us, to insure prompt attention, must be accompanied by a remittance or by satisfactory reference to some responsible house, or to some person of our acquaintance.

**ORDER EARLY.**—It will greatly facilitate shipments if orders are sent in early. We aim to send off all orders the same or next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering early.

**ERRORS.**—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

**SAFE ARRIVAL OF PACKAGES.**—We endeavor to secure the safe arrival of packages of Seeds, Bulbs and Plants in good condition in every case. If a package is injured or lost, we will replace it as soon as informed of the fact. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods.

**NAME AND ADDRESS.**—Please remember to write your **Name, Post Office, County and State**; also give number of street or P. O. Box, as distinctly as possible, and apart from the body of the letter, to facilitate execution and prevent error; also the **nearest Express Office**, or, if on a Stage route, send us special directions, giving us the name of the Express Company delivering goods.

**PLANT ORDERS** should be on a **separate sheet**; the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional Express charges.

**SPECIAL RATES** given to Market Gardeners and Institutions requiring seeds in large quantities.

**Deutsche Correspondenten.**—Alle Bestellungen und Correspondenzen in deutscher Sprache werden mit pünktlicher Sorgfalt ausgeführt. Wir sind stets gern bereit, unseren deutschen Kunden jede gewünschte Auskunft zu erteilen.

**HENRY A. DREER,**

LOCK BOX 1618.

**No. 714 CHESTNUT STREET,**

**PHILADELPHIA, PA.**



# DREER'S RELIABLE VEGETABLE SEEDS.

DREER'S seeds have been for more than fifty years a standard among the best gardeners of this country for undoubted purity and excellence.

## INDUCEMENTS TO CASH BUYERS.

**We offer the following liberal inducements to purchasers of Vegetable and Flower Seeds in packets when cash accompanies the order.**

For \$1.00 Select Seeds in Packets to amount of.....	\$1.20	For \$4.00 Select Seeds in Packets to amount of.....	\$5 00
For 2.00 " " " " " " .....	2.40	For 5 00 " " " " " " .....	6 25
For 3.00 " " " " " " .....	3.75	For 10.00 " " " " " " .....	13.00

 We pay postage on Flower and Garden Seeds except where noted. 



## ASPARAGUS.

*Spargel*, GER. *Asperge*, FR. *Esparragos*, SP.

**One ounce will sow 40 feet of drill, 15 lbs. to the acre.**

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart and 2 feet in the rows, spreading out the roots, and cover gradually during the season to 6 or 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 lbs. an acre. Cut for use the second year after planting.

**Conover's Colossal.** The standard variety, large and productive. Pkt, 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Dreer's Eclipse.** One of the largest and best. Stalks frequently measure two inches in diameter and, even when twelve to fifteen inches long, are perfectly tender.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.00.

**Palmetto.** An early, prolific and very desirable variety.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Donald's Elmira.** This fine new variety originated in Elmira, N. Y., where it has attained local renown. It is of mammoth size and unexcelled quality.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.00

**Columbian Mammoth White.** A new and choice variety, producing white stalks of large size and finest quality, a valuable introduction.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.00.

### Asparagus Roots.

We offer extra strong two-year-old roots where not otherwise stated. For field culture in rows six feet apart, about 6000 plants would be required to the acre.

For an ordinary garden a bed of 15x50 feet would require from 50 to 75 plants.

**Conover's Colossal.** \$1.00 per 100; \$5.00 per 1000.

**Dreer's Eclipse.** \$1.25 per 100; \$7.00 per 1000.

**Palmetto.** \$1.25 per 100; \$7.00 per 1000.

**Donald's Elmira.** \$1.50 per 100; \$9.00 per 1000—1

year, \$1.25 per 100; \$7.00 per 1000.

**Columbian Mammoth White.** \$1.50 per 100; \$9.00 per 1000—1 year old, \$1.25 per 100; \$7.00 per 1000.

## ARTICHOKE.

*Artischoke*, GER. *Artichaut*, FR. *Alcachofa*, SP.

The edible part of the Artichoke is the undeveloped flower-head, which is only fit for use in an immature state. The heads, which are very fleshy and tender when properly cooked, are boiled and served with butter, pepper and salt. The seed should be sown early in the spring, in drills, an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills, three feet apart and two feet between the plants. It likes a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure.

**Large Green Globe.** The best for general culture.  
(Seed only.) Pkt. 10 cts., oz. 40 cts.

**Jerusalem Artichoke.** This is entirely distinct from the Globe Artichoke, and is propagated by and for its tubers, which are used for pickling and for feeding stock; yield, about 300 bushels per acre.

Qt. 20 cts., peck \$1.00, bush. \$3.00. (2 lbs. by mail, 50 cts.)

**"Asparagus Culture."** The best methods employed in England and France, by Jas. Barnes and Wm. Robinson. Price 50 cts. by mail.



# BUSH BEANS.

*Buschbohnen, GER. Haricot Nain, FR. Habas à Frijoleno, SP.*

One quart will plant one hundred feet of drill.

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, and the beans 3 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to the stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

## GREEN PODDED SORTS.

**Improved Red Valentine.** Extra early round pod. Our strain of this popular and excellent variety is a great improvement on the Early Red Valentine, which we have long ago discarded. It is much earlier, pods being ready to pick, under favorable conditions, in thirty-two days from germination. It is one of the most profitable sorts for private use or market. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., pk. \$1.25, bu. \$4.50.

**Extra Early Refugee.** A profuse bearing variety. One of the very best early sorts. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Early Mohawk.** The hardiest of the early varieties; also good for autumn pickling. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Emperor William.** The earliest variety; pod green and thin, but stringless when young. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Long Yellow Six Weeks.** A very early, prolific, and excellent variety. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Ne Plus Ultra.** An extra early variety, with full, flat pods; very productive and tender; Pkt. 10 cts., pt. 20 cts., qt. 30 cts., peck \$1.50.

**White Valentine.** The seed being white, gives it additional value, as it can be used as a snap-short or a winter shelled bean. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., peck \$1.50.

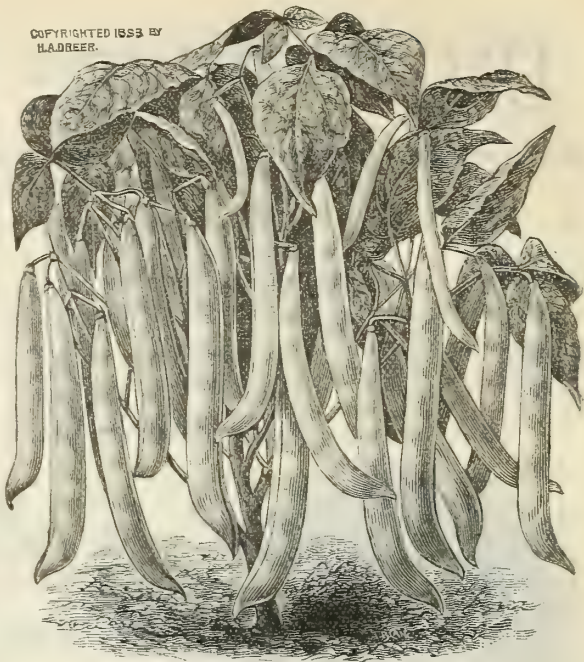
**Boston Pea Bean (Navy).** An excellent variety of very productive habit; for baking they excel all other sorts. Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Black Turtle Soup.** Used as a winter shelled bean, for which it is much esteemed. Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**White Marrowfat.** Extensively grown for sale as a dry bean for winter use, excellent shelled, either green or dry. Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**White Kidney or Royal Dwarf.** A superior kind for baking, and is also excellent when shelled green. Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

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H.A. DREER.



IMPROVED RED VALENTINE.

## DWARF FLAGEOLET BEANS.

Used extensively as shell beans when in the green state; they are of delicious quality, pods emerald green, long and thin, enormously productive, superior for canning and pickling. In a dry state for culinary use they are unsurpassed.

**Green Flageolet (Wonder of France—Paris Canner).**

The best of the newer dwarf French varieties; the pods are long and straight. The beans are bright green, retaining their fresh appearance when cooked. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., peck \$1.50.

**Flageolet Chevrier.** Seeds and pods bright green even when fully ripe. Pkt. 10 cts., qt. 30 cts., peck \$1.50.

**Canadian Wonder.** Seeds red; pods large, broad, green, and quite prolific. Pkt. 10 cts., qt. 30 cts., peck \$1.50.

## BUSH LIMA BEANS.

**Dreer's Bush Lima.** A dwarf variety of the Dreer's Improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. The beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are very thick, sweet and succulent, equal in quality and tenderness to Dreer's Pole Lima. It requires no poles or staking whatever, and should be planted about two feet apart in the rows. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., peck \$3.50.

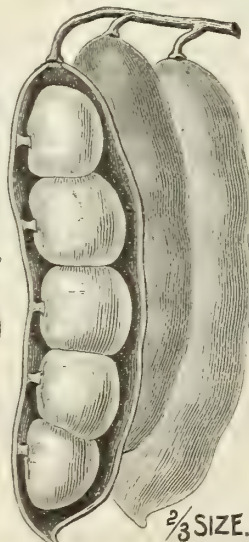
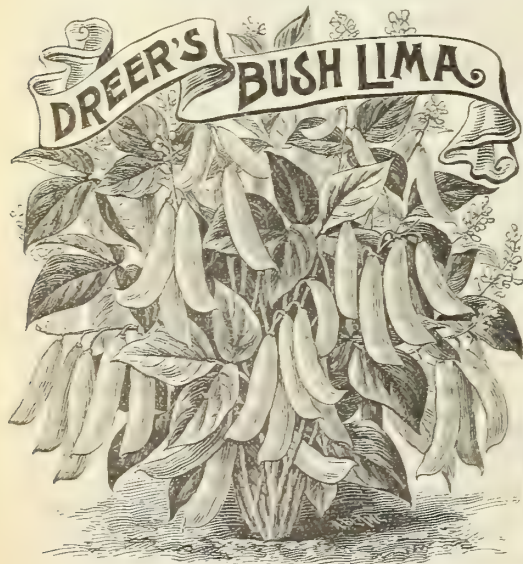
**Burpee's Bush Lima.** A true bush form of the Large White Lima, requires no poles. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., peck \$3.50.

**Henderson's Bush Lima.** A dwarf variety of the Sieva or Southern Lima, produces enormous crops two weeks earlier than the climbing Limas. Pkt. 10 cts., qt. 40 cts., peck \$2.50.

## ENGLISH OR BROAD BEANS.

**Broad Windsor.** Used only as a shelled bean. Plant as soon as the frost is out of the ground, in drills 3 feet apart and 2 inches deep. Pinch off the top as soon as the lower pods begin to fill.

Pkt. 10 cts., pt. 20 cts., qt. 40 cts.





## YELLOW PODDED WAX BEANS.

**Improved Golden Wax** (*Rust Proof*). The standard variety for general use; pods long, nearly straight, broad, flat, golden yellow, fleshy and wax-like; of the highest quality. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.00.

**Improved Prolific Black Wax** (*Cylinder Wax*). This is a great improvement on the old Black Wax; pods when fit for use are waxy yellow, very tender, delicious and productive. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.00.

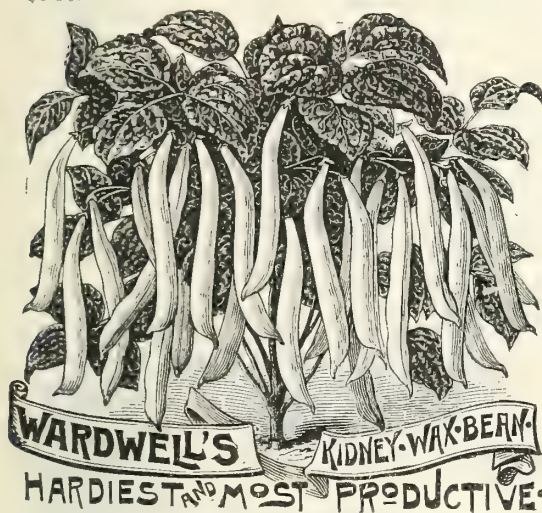
**Early Refugee Wax.** A perfect Refugee with wax pods that are long, round and of a golden yellow color. It is one of the earliest and an immense yielder. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.50.

**Wardwell's Kidney Wax.** One of the very best Wax Beans, bearing long pods, of a delicate waxy yellow, entirely stringless and brittle, of fine buttery flavor and a heavy yielder. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.50.

**Challenge Dwarf Black Wax.** This excellent new Bean proved to be one of the very best in our trials last year. It gives a full picking of well-matured pods earlier than any other Wax Bean. Nothing better for a first early crop and for planting after a crop of early Peas for autumn use. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., peck \$1.75, bu. \$6.50.



IMPROVED PROLIFIC BLACK WAX.



**Yosemite Mammoth Wax.** A giant among beans. The pods, frequently reaching a length of 8 to 10 inches, are of great thickness and solidity. They are of a rich golden yellow color and absolutely stringless, cooking tender and delicious. It is a wonderfully prolific variety. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., peck \$2.50.

**Scarlet Flageolet Wax.** An excellent golden-podded dwarf Bean. The pods are large and borne profusely; are stringless, tender and of fine flavor. It is remarkably productive, free from blight, and in all respects a desirable sort. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$7.00.

**White Wax.** Pods yellow and of good quality; does not spot easily, and is a good sort for ordinary use; it is also valued for its white seed as a winter shelled bean. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., peck \$1.75, bu. \$6.50.

**Golden-Eyed Wax.** This is a very hardy and prolific variety; the pods are flat, long and straight, and larger than the Golden Wax. Pkt. 10 cts., qt. 40 cts., peck \$1.75, bu. \$6.00.

**Black-Eyed Wax.** A cross between the Golden and Black Wax, combining the best characteristics of each with the advantage of being three to five days earlier than either variety. It is a strong grower, very productive, tender, and of exceeding fine flavor. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.50.

**Bismarck Black Wax.** A new and excellent variety, bearing profusely long, nearly straight, white and wax-like pods, of very good quality and handsome appearance. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.50.

**Saddle-Back Wax.** A cross between the Yosemite Wax and the Black-Eyed Wax, pod large, long, round, very solid and absolutely stringless; an excellent variety. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., peck \$2.25.

**Speckled Wax.** Vines large, much branched, upright, extremely hardy, vigorous and productive; pods long, cylindrical, crisp, tender and stringless. Per pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.50.



IMPROVED GOLDEN WAX.

Add for postage 8 cts. per pt., 15 cts. per quart. Quarter bushels and over are sent by express or freight at purchaser's expense.

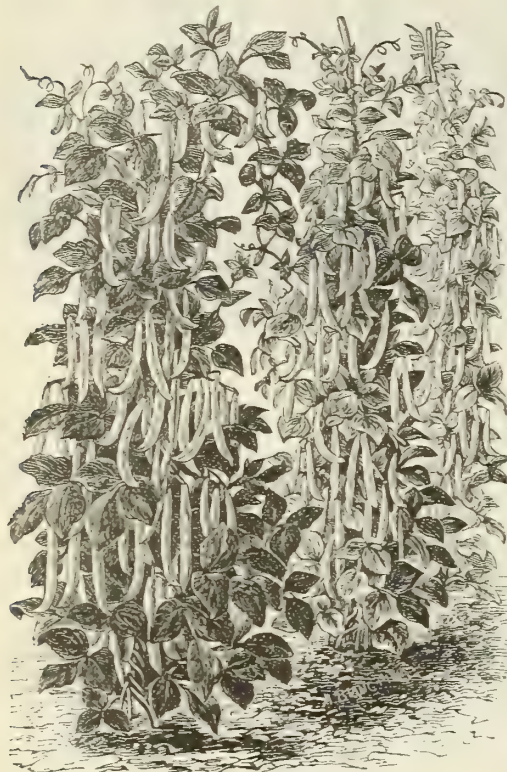


# POLE BEANS.

*Stangen Bohnen, GER. Haricots à rames, FR. Frijol vastago, SP.*

One quart will plant about one hundred and fifty hills.

All under this head require poles 8 to 10 feet long, and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. When sowing Lima Beans place the eye downwards, and thin out to three plants to a pole, if the soil is rich; pinch off the ends when the plants overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.



DREER'S GOLDEN CLUSTER WAX.

**Dreer's Golden Cluster Wax.** This is without exception the best Pole Bean. It bears profusely its long golden-yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. In all the points requisite to a good bean for market this variety excels. It is distinct in seed, in color and habit of growth. The pods retain their tenderness long after the beans have attained a large size. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.50.

**Horticultural, or Speckled Cranberry.** Equally good as a snap-short or shelled in the green or dry state. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., peck \$2.00.

**White Dutch Case-Knife.** One of the earliest, used as a shelled bean, green or dry. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.50.

**White Dutch Runner.** An ornamental variety; large white seed and beautiful clusters of white flowers; good as a shelled bean. Pkt. 10 cts., qt. 40 cts., peck \$2.50.

**Scarlet Runner.** A great favorite, producing clusters of beautiful scarlet flowers. The leading pole bean of English gardens. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., peck \$2.00.

**White Creaseback, or Best of All.** One of the earliest green-podded pole beans, exceedingly productive and of fine quality. Pkt. 10 cts., qt. 30 cts., peck \$2.00.

**Kentucky Wonder, or Old Homestead.** Producing in clusters excellent snap-short beans in 80 days from germination. Pkt. 10 cts., qt. 40 cts., peck \$2.50.

## POLE LIMAS.

**Early Jersey Lima.** A few days earlier than the Large Lima. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.25.

**Dreer's Improved Lima.** A very superior early variety, of excellent quality, and great productiveness. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$2.00.

**Large White Lima.** This variety is largely grown and highly esteemed. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$2.00.

**King of the Garden Lima.** A vigorous grower, bearing profusely, large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.25.

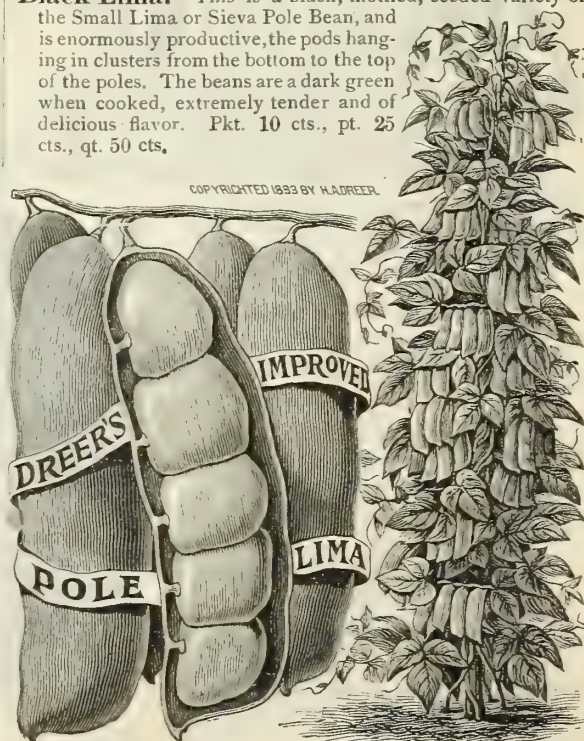
**Ford's Mammoth Lima.** A choice selection of the Large Lima, which we can confidently recommend. It produces pods and beans of enormous size and in great abundance. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.50.

**Horticultural Lima.** This is a new variety of the highest merit. It is a cross between Dreer's Pole Lima and Dwarf Horticultural, combining the excellent quality of the Dreer Lima with the earliness, hardiness and flavor of the Horticultural, being fully three weeks earlier than any other Lima. It may be grown successfully in the North and in Canada, where the ordinary Lima will not mature. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck 2.50.

**Small Lima, or Sieva.** The earliest of the Limas. A prolific bearer, beans small but of good quality. Pkt. 10 cts., pt. 20 cts., qt. 30 cts., peck \$2.00.

**Willow Leaf Lima.** This variety is of the Sieva or Sewee type. It matures early and bears enormous crops. The foliage is finely cut and very ornamental. Pkt. 10 cts., pt. 25 cts., qt. 50 cts.

**Black Lima.** This is a black, mottled, seeded variety of the Small Lima or Sieva Pole Bean, and is enormously productive, the pods hanging in clusters from the bottom to the top of the poles. The beans are a dark green when cooked, extremely tender and of delicious flavor. Pkt. 10 cts., pt. 25 cts., qt. 50 cts.







## BEET.

*Rothe oder Runkelrübe, GER. Betterave, FR. Acelga ò Remolache, SP.*

One ounce will sow fifty feet of drill; five to six pounds for an acre. The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 6 inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated. To preserve Beets during the winter select a dry piece of ground and put about 20 bushels in a pile, covering with sufficient earth to keep out the frost.

**Extra Early Egyptian Turnip.** One of the earliest, of good quality and medium size, a fine forcing variety, small top. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Early Eclipse.** Remarkable for its rapid growth, extreme smallness of top, and extra fine quality. Perfectly smooth and round; skin and flesh intense red; very fine grained and sweet. An excellent sort for forcing. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Bastian's Early Blood Turnip.** The perfection of a Beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Lentz Turnip.** Of similar size and shape to the Bastian Turnip; top small; dark red and white; early and profitable. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Early Bassano.** A very early flat variety, tender, juicy; flesh white and rose colored. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Early Blood Turnip.** Not as early as the Egyptian, but of good quality, blood-red, tender, and good for late keeping. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Edmand's Early Blood Turnip.** An excellent early variety, flesh dark red and white, sweet and of good flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Crosby's Egyptian.** An improved strain of the Egyptian Beet. It is much thicker than the original strain, quite as early, of better color and quality, besides being smoother. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Dewing's Improved Blood Turnip.** An improved variety of the Early Blood Turnip, of deep, blood-red color, fine form and flavor; an excellent market sort. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Bastian's Half-Long Blood.** Of bright color and excellent quality; a valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Improved Long Dark Blood.** A good late variety for fall and winter use, sweet and tender. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Swiss Chard.** The midrib is stewed and served as Asparagus, and the leaves used as Spinach. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Ornamental-Leaved.** (See Flower Seeds.)

**For Mangel Wurzel and Sugar Beets,** see Farm Seeds, page 34.

## BROCCOLI.

*Spargel-Kohl, GER. Chow-Brocoli, FR. Brocoli, SP.*

**White Cape.** The best variety. Large, compact heads of a creamy white color and of good flavor. Can be grown where Cauliflower makes an uncertain crop. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

## BRUSSELS SPROUTS.

*Rosen-Kohl, GER. Chou de Bruxelles, FR. Bretones, de Bruselas, SP.*

One ounce will sow 300 feet of drill.

**Improved Matchless.** Produces on the stem small heads resembling miniature Cabbages. The sprouts are used as greens, and become very tender when touched by frost. Sow in May, and manage as winter Cabbage. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1



BRUSSELS SPROUTS, IMPROVED MATCHLESS.





## CABBAGE.

*Kopf-Kohl, GER. Chou Pomme ou Gabus, FR. Col ó Repollo, SP.*

One ounce for a bed of forty feet will produce about 2,000 plants.

For very early use sow in January or February in hot-beds; prick out when the plants are strong enough into other hot-beds; or sow in cold frames in March, transplant when danger from killing frosts is passed to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well-prepared, rich ground, from the 10th to the 25th of September. When the plants are large enough prick them out of the seed-bed into the frames. It is important that the plants should be set down to the first leaf, so that the stem is all under ground. Protect during severe weather with a covering of glass, and give plenty of air and light during mild days. The plants are usually set out from the middle of March to the middle of April, in rows about 2 feet apart and 18 inches in the row. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart, and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood-ashes, air-slacked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

### EXTRA EARLY VARIETIES.

**Early Jersey Wakefield.** The leading early variety and the best for private use. Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts., lb. \$2.50.

**Express.** The earliest of all Cabbages, small in size, with solid, compact heads. It can be planted very close in the rows. Pkt., 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Etampes.** A very early sort, producing medium-sized heads, very sharply pointed. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Early Winnigstadt.** A solid and tender variety; good for either early or late; in some sections the best early sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Early French Oxheart.** Heads very early, tender, and of fine flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Large Early York.** A superior early-heading robust sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

### SECOND EARLY VARIETIES.

**Dreer's Early Drumhead.** A favorite with the market gardeners; a second early, large, solid-heading variety. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**The Charleston or Large Jersey Wakefield.** An extra selected sort, producing large solid heads, of good quality, a few days later than Early Jersey Wakefield. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**All Head.** The largest heading of the second early sorts, of excellent quality. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Early Improved Flat Brunswick.** The best early Flat Dutch for market gardeners; either as a second early or late sort; short stems, large solid heads. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Henderson's Early Summer.** A second early sort with large solid heads, coming in a few days later than the Wakefield. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

**Succession.** A second early round-headed sort, heads very evenly and comes in a few days after Early Wakefield. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

**All Seasons (Vandergaw).** An early Drumhead Cabbage, yielding heads of good size. Very desirable, either for extreme early spring or fall use. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

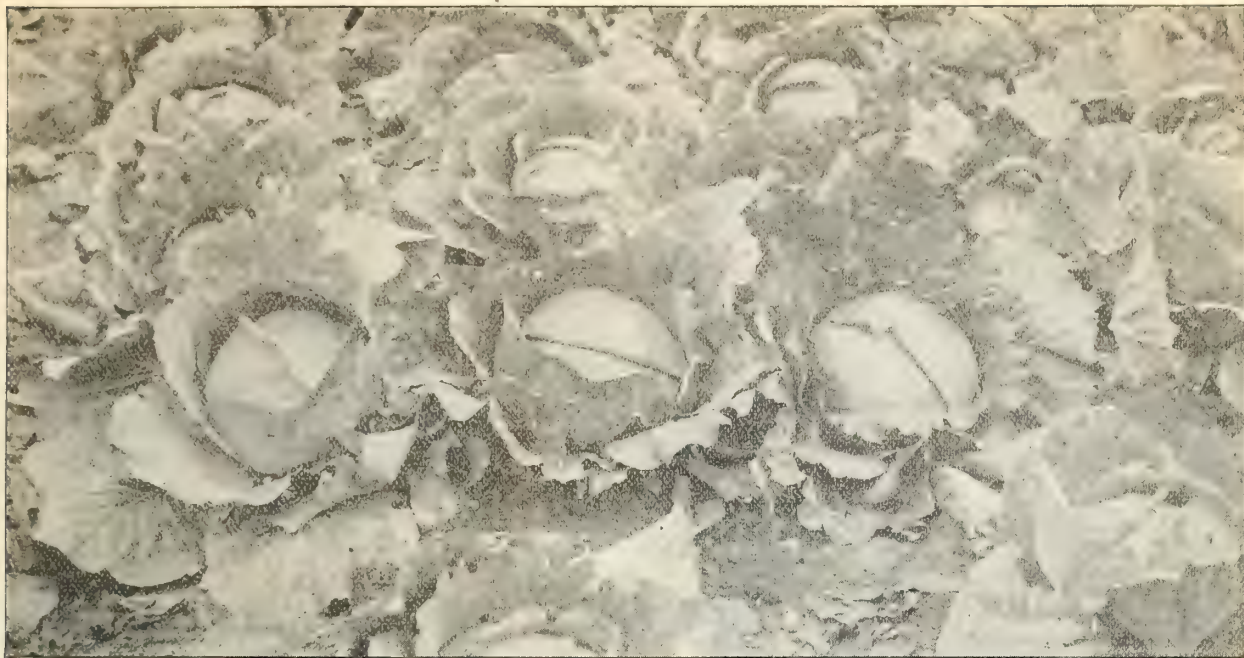
### LATE VARIETIES.

**Dreer's Selected Late Flat Dutch.** Short stem and large, solid flat heads. Our stock has been carefully selected for several years in order to get a cabbage of this type, and we are confident no better strain is on the market. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

**Large Late Drumhead.** A favorite winter variety, extensively grown for shipping purposes. It bears extra large solid heads of good quality. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Louisville Drumhead.** This is a popular variety in the southwest where it is claimed to stand the heat better than most sorts, of large size, solid and a good keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.





## SAVOY CABBAGE.

Where quality rather than size is desired, the Savoy varieties should always be sown. They have a rich and delicate flavor possessed by no other cabbages.

**Dreer's Crystal Summer Savoy.** A fine new sort. Medium size, heads nearly round, deeply curled and very tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Perfection Drumhead Savoy.** Of superior quality; the largest solid-heading Savoy, possessing the rich flavor of the Cauliflower. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



MAMMOTH ROCK RED.

## RED CABBAGE.

**Early Red Dutch Erfurt.** Earlier than the Red Drumhead, but equally as valuable for pickling; when early pickles are desired this sort should be sown. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Red Dutch Drumhead.** A large heading variety, fine for pickling. The variety most sown, as it makes large solid heads. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Mammoth Rock Red.** The largest and most solid of the Red varieties. A sure heading sort and tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

## CABBAGE PLANTS.

(See *Vegetable Plants*, page 33.)

## CARDOON.

The mid-ribs of the leaves, which are thick and crisp, are the eatable parts, and are generally used in soups or stews, after being blanched in the same manner as Celery. They are in perfection during the autumn and winter. Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground, three feet apart and one foot in the rows; the roots remain from year to year.

**Large Spanish.** The best variety. Pkt. 10 cts., oz. 40 cts.

## CHICORY.

**Common, or Wild.** This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in a cellar; the shoots, which will come up soon, form the "Barbe de Capucin." Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Large Rooted.** Used to mix with or as a substitute for coffee. Cultivation same as the carrot. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

## CHERVIL.

While young and tender, used as a salad, and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in May, in drills one foot apart and half an inch deep, thinning out to stand one foot apart in the rows.

**Curled Chervil.** Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



CURLED OR DOUBLE CHERVIL.





## CAULIFLOWER—Continued.

**Dreer's Selected Dwarf Erfurt.** One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid pure-white heads of the finest quality; it grows about 15 inches high, and in ordinary seasons every plant will produce a marketable head. Pkt. 20 cts., oz. \$2.50.

**Early Snowball.** An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture. Pkt. 20 cts., oz. \$2.50.

**Half Early Paris.** A popular, white, sure-heading variety, good for early or late use. Pkt. 10 cts., oz. 60 cts.

**Lenormand's Short Stem.** A large, late, short-stemmed variety, with well-formed white heads, of extra quality. Pkt. 10 cts., oz. 60 cts.

**Algiers.** An extra fine late variety, suitable for market and sure to head. Pkt. 10 cts., oz. 80 cts.

**Veitch's Autumn Giant.** One of the finest late varieties, of robust habit, heads large, compact, and thoroughly protected by the leaves. Pkt. 10 cts., oz. 50 cts.

## CRESS.

*Garten und Brunnen Kresse, GER. Cresson, FR.*

Sow thickly in shallow drills, early in the spring and at intervals throughout the season, for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed.

**Extra Curled, or Peppergrass.** Fine flavor, and the best sort for dry soils. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Upland Cress.** A perennial plant, grown in the same manner as Spinach; resembles water-cress in flavor. Pkt. 10 cts., oz. 50 cts.

**Erfurt Water Cress.** A most desirable and appetizing salad, thriving best in shallow water, on the edges of streams. Pkt. 10 cts., oz. 40 cts.

# CAULIFLOWER.

*Blumen-Kohl, GER. Chou-Fleur, FR. Coliflor, SP.*

One ounce for one thousand plants.

Sow for early use about the middle of September or October, in a bed of clean rich earth. Transplant in frames and cover with sashes and shutters during severe weather, giving them light and air every mild day. When this is not practicable, they may be had nearly as well by sowing the seed in a hot-bed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or in other hot-bed, until time to plant out. If hardened off, they are seldom injured by planting out, as early as the ground can be properly prepared, 2 $\frac{1}{2}$  feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similar to winter Cabbage.

**Dreer's Earliest Snow-Storm.** The earliest and best of all for forcing. It is dwarf, with short outer leaves, and can be planted 2 feet apart each way; always sure to make large fine heads earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth. Pkt. 25 cts., oz. \$5.00.

**Early Dwarf Erfurt.** An early market variety, very productive, with large, white, compact heads of good quality. Pkt. 10 cts., oz. \$1.50.



## CORN SALAD, OR FETTICUS.

*Ackersalat, oder Lämmersalat, GER. Mache, FR.*

One ounce will sow twenty square feet.

Used as a salad throughout the winter and spring, and extensively grown for market. Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter, the same as Spinach.

**Large Seeded.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.



# CARROT.

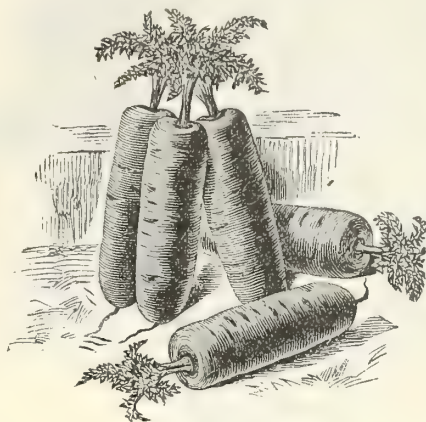
*Möhren, GER. Carotte, FR. Zanahoria, SP.*

**One ounce will sow one hundred feet of drill; three to four pounds for one acre.**

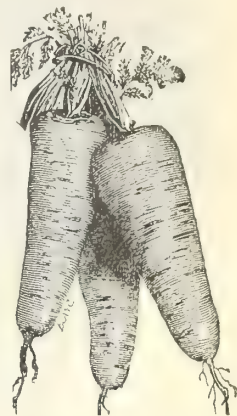
Carrots to grow in perfection require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about one foot apart, thinning out to 4 inches in the row; sow for main crop in June and July. The large late varieties for field culture should be sown in drills 3 to 3½ feet apart, so as to cultivate by horse. An important point in sowing Carrot, as in all other seeds, is to tread the rows firmly after sowing.



EARLY SCARLET HORN



HALF-LONG NANTES.



HALF-LONG CARENTAN



EARLY HALF-LONG SCARLET.

**Earliest Short Horn.** The earliest forcing variety, root small, reddish-orange, of globular shape and excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Early Scarlet Horn.** The favorite early red summer variety; fine grained and good flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

**Half-Long Nantes.** An early half-long stump-rooted variety of superior quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Chantenay Half-Long.** Resembling the Nantes, with larger shoulders and more productive. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Guerande, or Oxheart.** This is a desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over five or six inches long. It frequently grows as thick as long, thus making it really as large as the longer sorts, and can be easily pulled by hand. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

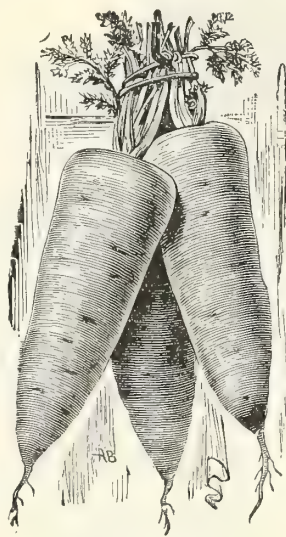
**Early Half-Long Carentan.** An excellent scarlet variety, without core, for forcing or the open ground. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Early Half-Long Scarlet.** A very desirable pointed-rooted variety, productive and early, coming in between the Scarlet Horn and the Long Orange. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

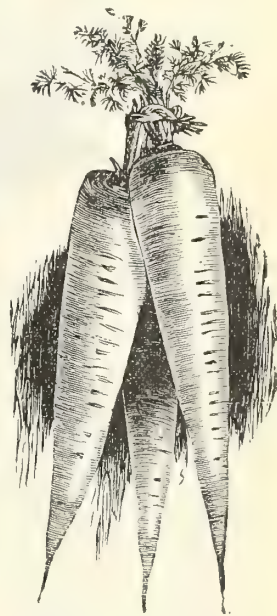
**St. Valery.** A desirable sort for private gardens; of rich and attractive color, good size and of fine flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts.

**Danvers Half-Long Scarlet.** A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

**Long Orange.** The best late variety, for general field culture. It is an excellent keeper and retains its bright orange color during the winter. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.



DANVERS HALF-LONG.



IMPROVED LONG ORANGE.

**Nichols' Improved Long Orange.** This is a very fine selection of the Long Orange Carrot, early, productive and of fine shape and quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. 90 cts.

**Altringham.** A large and fine flavored red Carrot; an excellent sort for winter use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

**Large White Belgian.** This variety is of the largest size, and is principally grown for feeding stock. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 50 cts.

**Improved Short White.** New, for stock feed; the best white Carrot, and furnishes the largest yield at the least expense. Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 90 cts.

## COLLARDS.

**Creole, or Southern.** Cabbage Greens, used as a substitute for Cabbage in portions of the South. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.





**White Plume.** We offer a choice strain of this valuable and popular variety. The White Plume is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Giant Pascal.** A superior keeping sort. The stalks are very large, thick, solid, crisp, and of rich nutty flavor, it blanches very easily and quickly, and retains its freshness a long time. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Perfection Heartwell.** This is one of the very best varieties in cultivation, stalks long and thick, very compact, crisp and of fine flavor. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Early Arlington.** An improvement on the Boston Market, being earlier and of larger growth and blanches rapidly. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Dwarf Rose.** The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Large White Solid.** The best of the large growing sorts, attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Dilks' Many Hearted.** This very fine half dwarf Celery is distinct in appearance, being stouter, thicker and heavier near the roots than any other variety. It is also an excellent keeper, having been offered in the markets as late as May. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Soup, or Flavoring Celery** (old seed). Used for flavoring pickles, sauces, etc. Oz. 5 cts.,  $\frac{1}{4}$  lb. 30 cts.

We can also supply the following well-known varieties:  
**Boston Market.** Henderson's Dwarf White.  
**Sandringham Dwarf White.** Per pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

## CELERY.

*Sellerie, GER. Celeri, FR. Apio, SP.*

**One ounce will produce about twenty-five hundred plants.**

Sow the last of March or early in April, in an open border, in rich mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plants 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling;" after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth up nearly to the tops of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches 1 foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

**Golden Self-Blanching.** An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich golden yellow, with light yellowish green outer leaves. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Golden Half Dwarf.** The best of the half dwarf varieties, stalks large and full; the heart is golden yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.



GIANT SMOOTH PRAGUE.

### CELERICAC.

**Turnip-Rooted Celery.**

*Knoll Sellerie, GER. Celeri-kave, FR. Apio-nabo, SP.*

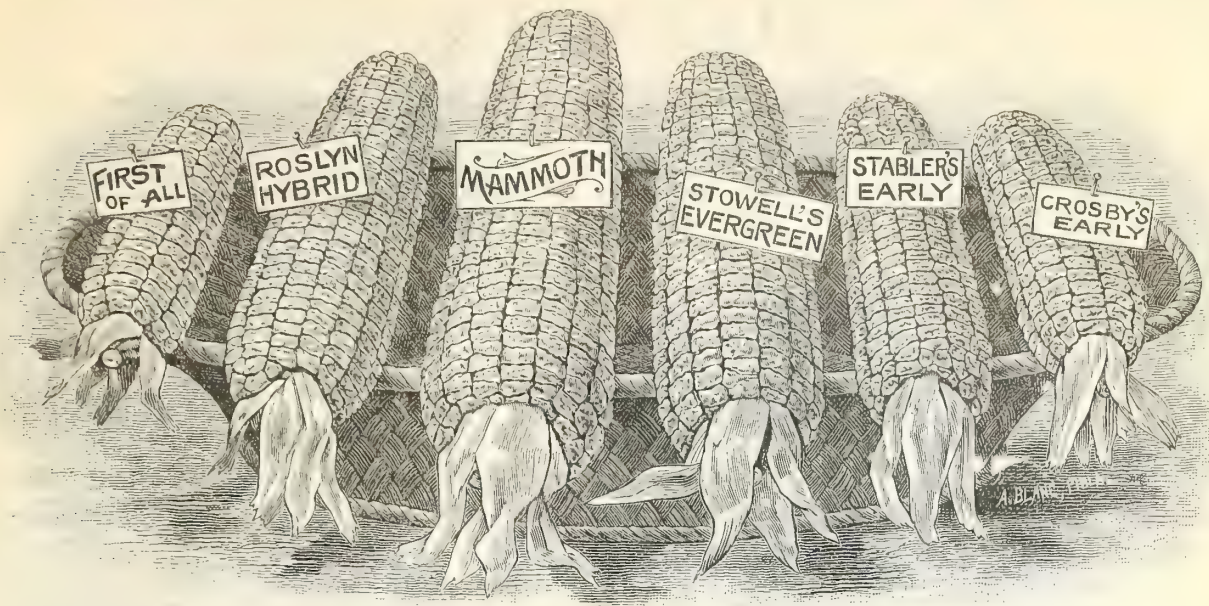
Sow the seed in same way that Celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots.

**Giant Smooth Prague.** A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Apple-Shaped.** An early, smooth variety, of good flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

(For Celery Plants, see page 33.)





## CORN, SWEET OR SUGAR.

*Welschkorn, GER. Mais, FR. Maiz, Sp.*

One quart will plant two hundred hills; eight to ten quarts for an acre in hills.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows.

The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill.

**Dreer's First of All.** The very earliest Sweet Corn, ripening a week earlier than Cory and of superior quality. Ears medium-sized, very full, sweet and of delicious flavor. Pkt. 10 cts., qt. 25 cts., peck \$1.25.

**Adams' Extra Early.** The hardiest and earliest variety for table use; it can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Early Cory.** An extra early sort, very sweet and of rich flavor; desirable for private or market gardens. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Early Minnesota.** One of the earliest, habit dwarf, ears small and productive. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Crosby's Early.** A favorite variety, very early, productive, ears rather short, and of a rich, sugary flavor. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Stabler's Early.** Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable gardener's and canning variety. Pkt. 10 cts., qt. 25 cts., peck \$1.25.

**Black Mexican.** A black grained variety, sweet and tender; must be picked young to avoid a black appearance when cooked. Pkt. 10 cts., qt. 20 cts., peck \$1.25.

**Perry's Hybrid.** An excellent large-eared early variety, following the Minnesota and about twice its size. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Stabler's Nonpareil.** The best second early Corn. It yields large ears, bearing tender grains of the most delicious flavor. A superior sort for the canning trade. Pkt. 10 cts., qt. 25 cts., peck \$1.25.

**Triumph.** Ear large, productive, flavor rich and sweet; a fine market variety. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Egyptian.** A fine large variety, somewhat resembling the Evergreen; flavor peculiarly rich and sweet. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Ne Plus Ultra (Little Gem).** An old but excellent variety that is grown around Philadelphia by those who know a good thing, its small size being in large measure atoned for by its productiveness and its exquisite flavor. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Country Gentleman (Improved Ne Plus Ultra).** An improvement on the Little Gem, having the same excellent qualities as that desirable variety but with much larger ears. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Roslyn Hybrid.** A medium late variety, which will yield a heavy crop, producing a large ear, very sweet and delicious. Pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Stowell's Evergreen.** The latest and one of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.00.

**Mammoth Sugar.** The largest late sort, very productive, of fine flavor. Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.00.

### SWEET FODDER CORN.

For soiling and green fodder. Sow 3 bushels to the acre, broadcast, or 1½ bushels in drills. Per bushel, \$1.75.

### FIELD CORN.

(For list of varieties see *Farm Seeds*, page 35.)

Add for Postage on Corn 6 cts. per pint, 10 cts. per quart. Pecks and bushels are sent by express or freight at purchaser's expense.

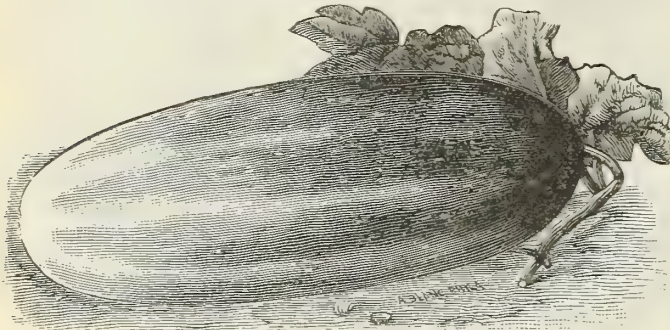


# CUCUMBER.

Gurken, GER. Concombre, FR. Pepino, SP.

One ounce will plant fifty hills; two pounds will plant one acre.

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass-side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant if the weather has become settled and warm in hills about 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July.



IMPROVED EARLY WHITE SPINE.

**Improved Early White Spine (Bennett's).** The favorite market variety, largely used for forcing. One of the best for all purposes. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Arlington White Spine.** A strain of White Spine which has been improved through careful selection, with a view to use for forcing in hot-houses and frames. Our stock produces handsome, dark-colored fruits, which retain their color longer than other sorts. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Nichol's Medium Green.** For early forcing, late sowing for pickling, or for ordinary table use, this variety will be found useful. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Green Prolific.** One of the best pickling varieties, dark green, tender, crisp, very productive, uniform size, and good for table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Early Cluster.** A very early sort, well adapted for forcing or open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Early Frame, or Short Green.** Excellent for table use or pickling. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Early Russian.** One of the earliest; the fruit is small and produced in pairs. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Chicago Pickle.** A variety largely used by pickle manufacturers, of medium size, a prolific bearer, and combines all the good qualities of an early cucumber. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Long Green.** The leading long variety for pickling, fruit dark green, firm and crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Tailby's Hybrid.** A hybrid between White Spine and English Prize, retaining the beauty of the long English and hardness of the White Spine; of large size and excellent for market gardeners or family use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Giant Pera.** A long, smooth, straight, dark-green cucumber, attaining a length of 18 inches. Flesh white, crisp, tender, and free from all bitterness. It requires a rich soil and to be grown quickly in order to bring it to perfection. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Chinese Long-Remaining Green.** An excellent sort, combining the size, tenderness and quality of the English Frame varieties. It attains a length of 15 to 20 inches; is of good quality, solid, and has few seeds; medium early. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.

**Small Gherkin, or Burr.** Also known as the West India or Jerusalem pickle; used only for pickling. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts.

**Japanese Climbing.** Fruits of medium size, well formed, and of a dark-green color; flesh very thick and of exquisite flavor. It can be grown as an ordinary ridge Cucumber or as a climber.

Pkt. 10 cts., oz. 50 cts.



CHICAGO PICKLE.

**Thorburn's Everbearing.** The peculiar merit of this new and unique variety is that the vines continue to flower and produce fruit in every stage of growth until killed by frost. It is of small size, very early, and enormously productive. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Giant White.** New; fruits of a pure white color, making them very attractive for the table; they grow to a large size. Pkt. 10 cts., oz. 30 cts.

## ENGLISH FORCING CUCUMBERS.

Grow in hot-beds where the temperature does not fall below 65 degrees at night.

**Telegraph (Rollison's).**  
**Sion House, Imp'd.**  
**Marquis of Lorne.**  
**Pearson's Long Gun.**  
**Blue Gown.**  
**Carter's Model.**  
**Duke of Edinburgh.**  
**Lord Kenyon's Favorite.**



THORBURN'S EVERBEARING CUCUMBER. Packets of the above containing 10 seeds each. Per pkt. 25 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.





THICK-LEAVED DANDELION.

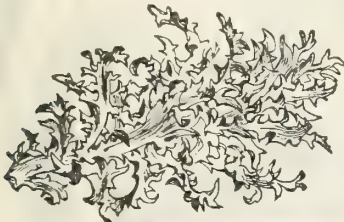
**DANDELION.**

*Löwenzahn oder Pardeblume, GER. Pissenlit, FR. Amargon, SP.*

The Dandelion is a hardy perennial plant, resembling Endive, and affords one of the earliest and most healthful spring greens or salads. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the drills; the following spring it will be fit for use.

**Broad-Leaved.** Pkt. 10 cts., oz. 40 cts.

**Thick-Leaved, or Cabbaging.** An improved thick-leaved variety. Pkt. 10 cts., oz. 50 cts.



WHITE CURLED ENDIVE.

**ENDIVE.**

*Endivien, GER. Chicoree, FR. Endivia ó Escarola, SP.*

One ounce of seed to 150 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 inches high transplant into good ground, or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched. This is done by gathering the leaves together, and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slates. In three or four weeks they will be sufficiently blanched.

**Improved Green Curled.** Leaves finely fringed, of a bright green color, tender and crisp. Pkt. 5 cts., oz. 15 cts.

**ENDIVE—Continued.**

**White Curled (Self-blanching).** This is the finest white curled variety, grows to a large size, always crisp and very tender. The Chicory Salad of the restaurants. Pkt. 5 cts., oz. 20 cts.

**Broad-Leaved Batavian.** Leaves broad, light green, nearly plain, used in stews and soups. Pkt. 5 cts., oz. 20 cts.

**Giant Fringed (Oyster Endive).** A strong-growing variety with a large white heart and broad stems; the best sort for decorating. Pkt. 5 cts., oz. 20 cts.

**EGG-PLANT.**

*Eierpfanze, GER. Aubergine, FR. Berengena, SP.*

One ounce will produce about one thousand plants.

Sow the seed in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out, from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about 3 feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to the stems when about a foot high. Egg-plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

**Early Long Purple.** The earliest and hardiest, very productive; fruit from 6 to 10 inches long. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**New York Improved Large Purple.** The leading market variety; large, round, dark purple, free of thorns, excellent and the most productive variety. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Black Pekin.** Fruit purplish black, round to globular, large, solid, smooth and glossy, very prolific, early, and of fine flavor. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**EGG-PLANTS.**

(See Vegetable Plants, page 33.)

**GARLIC.**

Used in cooking for flavoring purposes, it is more pungent than the onion. It is propagated by detaching the cloves or sets and planting them in rows 1 foot apart and 6 inches asunder. As soon as the leaves turn the crop is matured, and may be harvested like the onion. Per lb. 25 cts., by mail, 35 cts.

We pay postage on Vegetable and Flower Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.





DWARF GREEN CURLED GERMAN KALE.

## KALE (Borecole).

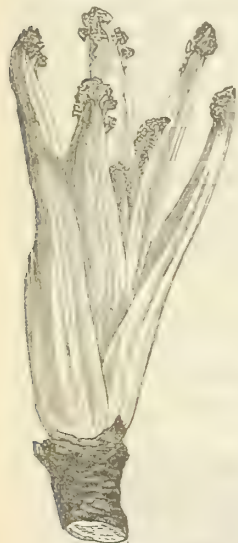
*Grüner oder Blätter Kohl, GER. Chou Vert, FR. Breton, SP.*

One ounce of seed will sow a drill of about 200 feet.

The Kales are more hardy than Cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter.

Sea Kale is much esteemed in England, in some parts of which it grows spontaneously. Sow the seed early in the spring, in well-manured and deeply-dug ground, 1 inch deep, and the rows 2 feet apart; thin out to stand 6 inches in the rows; before winter cover with litter or leaves, and the next spring transplant in hills 3 feet apart each way.

**Dreer's Imperial Long Standing.** A beautiful curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance and a bright green color. It is superior to all other sorts, and is undoubtedly the best for private gardens. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.



SEA KALE.

A delicious vegetable, grown for its blanched shoots, which are cooked like Asparagus. Sow in the spring, and plant out like Cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower-pot; and if it is desired to force them, cover the pot and earth around with fresh manure. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Sea Kale Roots.** Per doz. \$1.50.

**Dwarf Green Curled German.** Leaves yellowish green, very compact and beautifully curled; sow in September for winter and early spring use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Dwarf Curled Scotch.** Leaves bright green, curled, very tender and fine flavored; an excellent sort for private gardens. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Dwarf Brown, or Purple.** Large finely frilled leaves of excellent quality, very handsome and is frequently used for ornament. Pkt. 5 cts., oz. 25 cts.

**Variegated or Garnishing.** A finely curled leaved variety, beautifully variegated and very ornamental. Nearly every plant will show two or more distinct colors in the leaf, especially as winter advances. Pkt. 5 cts., oz. 25 cts.

## SEA KALE.

A delicious vegetable, grown for its blanched shoots, which are cooked

## KOHL-RABI.

(Turnip-Rooted Cabbage.)

*Kohl-Rabi, GER. Chou-Rave, FR. Col de nabo ó Nabicol, SP.*

One ounce of seed will sow a drill of about 200 feet.

An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as for Cabbage, but in hoeing be careful not to throw earth into the heart of the plant, or the bulb cannot form.

**Earliest Erfurt.** A white, tender variety, with a smooth root and very short top; the best variety for out-door culture. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Early White Vienna.** Flesh white and tender, a standard sort for market, table use or forcing; very short top. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Early Purple Vienna.** Bluish purple, similar to the above, except in color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



GIANT CARENTAN LEEK.

## LEEK.

*Lauch, GER. Poireau, FR. Puerro, SP.*

One ounce will sow about 100 feet of drill.

The Leek is very hardy, of easy culture, and succeeds best in a light rich soil. The whole plant is edible, and is used in soups, boiled with meat, etc. Considered by many as of more delicate flavor than the Onion. Sow early in April, in drills 1 foot apart, and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

**Large American Flag.** Large, hardy and of excellent quality. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Giant Carentan.** The favorite market variety, large thick stem, of mild flavor and attractive appearance. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Musselburgh.** Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**London Flag.** An old and popular sort; one of the hardest and best for winter use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.



# LETTUCE.

*Lattich oder, Garten Salat, GER. Laitue, FR. Lechuga, SP.*

One ounce will sow 150 feet of drill.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early Cabbage; set the plants out early in April; or sow the seed in hot-beds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad sow the seed thickly in rows or broadcast.

**Boston Market.** White seed. Hardy and crisp; the earliest heading variety; one of the best for forcing. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Black Seeded Tennisball.** A favorite forcing variety. Forms a close, hard head, with few outer leaves. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Hittinger's Belmont Forcing.** An improvement on the Boston Market, larger in size, with well-formed heads of remarkably crisp and tender quality, most desirable for forcing. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Big Boston.** Resembles the popular Boston Market, but is nearly twice as large, a most desirable variety for forcing in cold frames and for out-door planting. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Silver Ball.** This is one of the best all the year round Lettuce we know of. It is an excellent variety, as well for early spring and summer use as for winter forcing. The heads are silvery white, very firm and compact, with beautifully curled leaves. It is of fine quality, very tender and crisp, and does not soon run to seed. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Early Dutch Butter, Spotted.** Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Early White Cabbage (White Butter).** A favorite for sowing in the fall; nearly hardy, requires only a slight protection; produces fine, well-formed heads. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Dreer's Improved Hanson.** This superior Lettuce which we introduced twenty years ago is the best summer heat-resisting sort. The heads grow to a remarkable size, and are sweet, tender and crisp; for out-door culture it is unequalled. Our stock is selected and true to its original purity. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Salamander.** An excellent summer variety, forming good-sized heads, that stand drought and heat longer without injury than any other sort. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Denver Market.** This new Lettuce is highly recommended either for forcing or open ground. It forms large solid heads of a good light green color, and is slow to go to seed. The leaves are beautifully curled and crimped, very crisp and tender. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Royal Cabbage, or Summer Drumhead.** Heads large, crisp, tender, of good flavor and stand the summer heat well. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Yellow Seeded Butter.** A very distinct sort, making a compact yellow head, of excellent flavor, withstands heat well, and remains crisp and tender. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Defiance.** This we consider one of the very best Lettuces. It is of fine quality, crisp and tender, and remains in prime condition a long time before going to seed. As a summer variety it has already become a standard sort. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Kingsholm Cos.** The finest Cos sort, forming long upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**Trianon Self-Folding.** A new and distinct Cos Lettuce which does not need tying up, really a self-blanching sort; very crisp and tender and of excellent flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

## CURLED LETTUCES.

**Early Curled Simpson (Silesia).** This does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Black Seeded Simpson.** Produces a compact mass of leaves of a light color, nearly double the size of the ordinary Simpson, standing well the summer heat. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Grand Rapids Forcing.** This is regarded in the West as the best forcing and shipping variety. It matures quickly, is of large size and handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other sort. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Oak Leaved.** Very distinct, excellent for summer use and for growing in the South, as it resists the greatest heat. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.



BOSTON MARKET.



SILVER BALL.



SALAMANDER.



DREER'S IMPROVED HANSON.

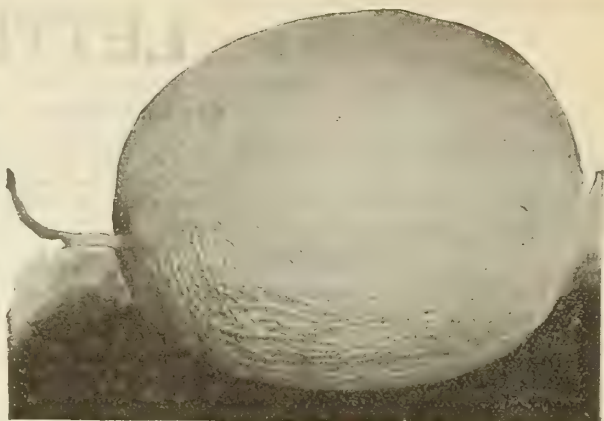
We can also supply the following varieties: **Emperor Forcing. Blonde Beauty. Paris White Cos.** Per pkt. 5 cts., oz. 20 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.





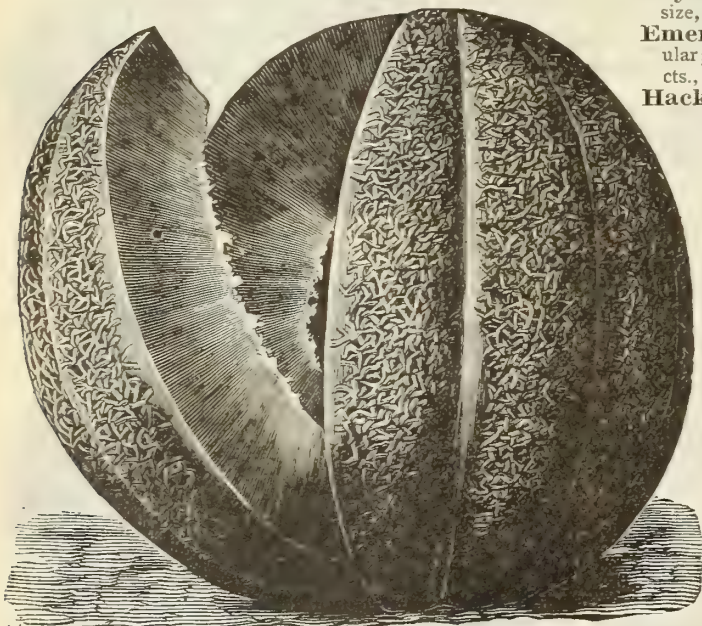
EMERALD GEM.



COLUMBUS.



EXTRA EARLY HACKENSACK.



MILLER CREAM, OR OSAGE.

## MELON, MUSK.

*Melone, GER. Melon Muscade, FR. Melones Muscatel, SP.*

One ounce will plant about sixty hills; two to three pounds for one acre.

Melons thrive best in a light rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Musk Melons, 8 feet for Water Melons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

**Columbus.** This very attractive new variety combines in a high degree sweetness and fine keeping and cropping qualities. Its beautiful buff skin is covered with a very thin whitish netting, flesh green, very solid and thick. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Jenny Lind.** The earliest variety; netted, of small, round size, excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Emerald Gem.** A small very early Melon, form globular; flesh salmon colored, thick and luscious. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Hackensack.** One of the best, of large size and attractive appearance; very productive and of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Extra Early Hackensack.** A week to 10 days earlier than the old Hackensack. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Montreal Market.** Largest of the nutmeg varieties; uniform in shape; netted, flesh green; quality remarkably good. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Golden Jenny.** A small, highly prized early variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Miller Cream, or Osage.** A remarkably good variety, of large size and delicious flavor; flesh rich salmon, very thick and solid. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Green Citron.** Medium size, deeply netted, nearly round, of delicious flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Netted Pineapple, or Nutmeg.** Medium size, flesh green, firm, juicy, and very sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Baltimore.** An oval, green-fleshed Melon, of good size, flesh thick and of delicious flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

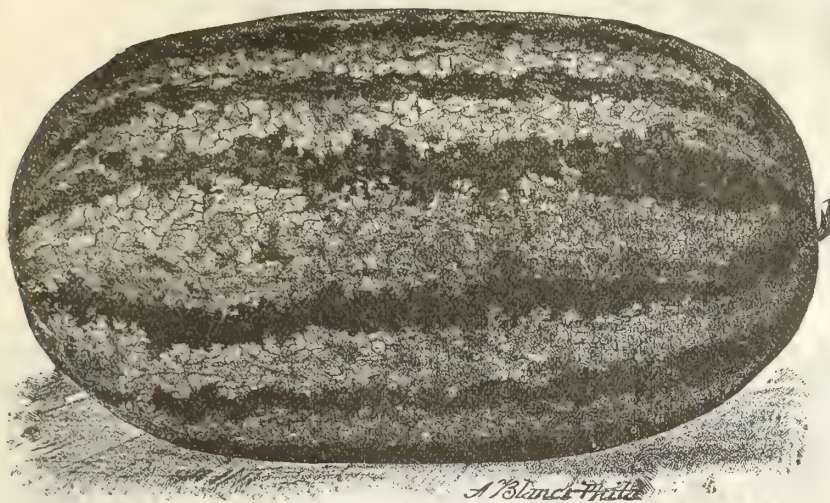
We can also supply the following varieties: Bay View, Banquet, Delmonico, Golden Netted Gem, Mango or Vegetable Orange, Skillman's Netted, Surprise. Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

We pay postage on Vegetable and Flower Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.



# WATER MELON.

One ounce for thirty hills; four to five pounds for an acre.



DIXIE WATER MELON.

**Florida Favorite.** Of medium size, striped alternately light and dark green, flesh deep red, crisp and deliciously sweet. Earlier than Kolb Gem by two weeks. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

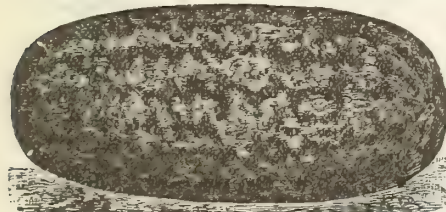
**Boss.** Color dark green, flesh unusually deep scarlet, rind very hard, but thin; quality of the best. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Ironclad.** Of large size and very solid. The rind, though quite thin, is remarkably strong, thus rendering it an excellent shipping sort. It is of a most delicious flavor, and is not surpassed for productiveness. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Dark Icing.** The flavor of this variety cannot be excelled. It is very solid, rind very thin, and highly prized as a shipper; seed white. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

**Ice Cream (white seed).** One of the best; skin mottled gray; flesh pink, solid, sweet and melting; of medium size and nearly round. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Seminole.** A new extra early Water Melon, of large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors—gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. It is a very productive Melon, and should be largely grown by farmers and truckers. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.



FLORIDA FAVORITE.

**Colorado Preserving Citron.** This variety combines all the best characteristics of a preserving Melon, and often attains a weight of 20 lbs.; flesh white and very firm. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

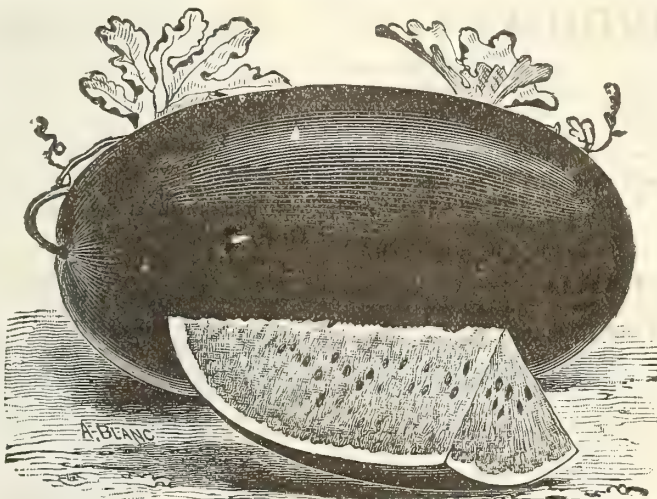
**Cuban Queen.** One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

**Pride of Georgia.**

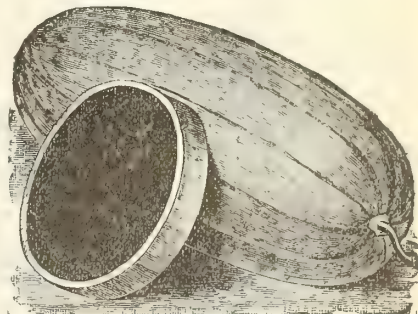
Dark green; oval and attains a large size; flesh deep red, crisp and sweet. A good shipper. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Scaly Bark.** A very large oblong variety, with a dark tough rind, which has a peculiar scaly appearance, crimson flesh, very solid, remarkably sweet, and an excellent keeper. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.

**Striped Gipsy, or Rattlesnake.** An early variety, large, oblong, skin green, mottled and striped, rind thin, flesh crimson and fine flavored. One of the best shipping sorts. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.



THE BOSS.

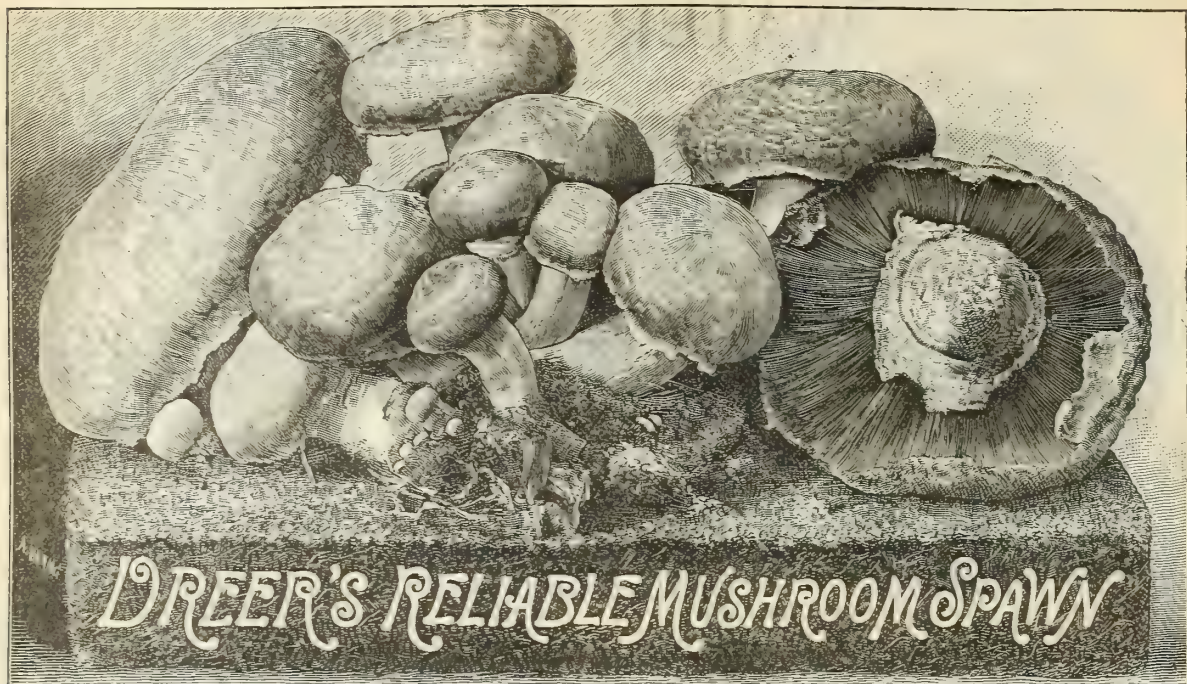


SEMINOLE.

We can also supply the following varieties: **Light Icing. Green and Gold. Ruby Gold. White Gem. Hungarian Honey. Volga. Orange.** Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.





## MUSHROOMS.

The best results are obtained by the use of our superior English Mushroom Spawn, which is largely used by the most successful growers around Philadelphia. Full and explicit instructions are contained in our circular "How to Grow Mushrooms Successfully," which we will mail free on application.

**Best English Milltrack Spawn.** Per brick 15 cts., 12 bricks \$1.75, 100 bricks \$12.50. (By mail 25 cts. per brick.)

**French Spawn,** in 3 lb. boxes \$1.25. (By mail \$1.60.)

## MUSTARD.

*Senf, GER. Moutarde, FR. Mostaza, SP.*

A small pungent salad used with Cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly, in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded.

**White London.** For salads and flavoring purposes. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 30 cts.

**Chinese.** Leaves twice the size of the white, flavor sweet and pungent. Oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

## MARTYNIA.

The seed pods are used for pickling, when gathered young and tender. Sow in the open ground in May, in hills 3 feet apart each way, or in a hot bed, and afterwards transplant.

**Martynia Proboscidea.** Flowers light blue. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

## NASTURTIUMS.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when all danger of frost is over; train the Tall on brush, trellises, or fences, and grow the Dwarf in beds.

**Tall Mixed.** Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Dwarf Mixed.** Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

## OKRA, OR GOMBO.

*Essbarer Hibiscus, GER. Gombo, FR. Quimbombo, SP.*

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills.

**Improved Green.** A very desirable sort for market gardeners; of medium height, very productive, bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Dreer's Little Gem.** The best of the Dwarf sorts. Pods long, slender, and of a light green color. Pkt. 5 cts.; oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**White Creole (White Velvet).** This variety is largely grown in the South, and is preferred by many to the green-podded sorts, as it is considered to be more tender and of better flavor. The pods are perfectly round, free from ridges and are soft and velvety to the touch. They are of unusual size and of a creamy white color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 90 cts.

## ONION SETS.

Onion Sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the Onions can be used in the green state in June, or they will be ripened off by July.

Our Onion Sets have been kept in good condition and are recleaned.

**White.** Qt. 30 cts.

**Yellow.** Qt. 25 cts.

**Potato Onions, Yellow.**

Qt. 25 cts.

**Shallots.** Qt. 30 cts.

**Garlic.** Lb. 25 cts.

Price per peck and bushel on application.

Postage on Onion Sets 10 cts. per quart additional.

**New White Multiplier Onion Sets.** Hardy and productive. Qt. 30 cts.

"Mushrooms, How to Grow Them," by Wm. Falconer, postpaid, \$1.50. "Mushroom Culture" (Robinson), postpaid, 50 cts.

The Spawn I had from you has given the best possible results. I have cut hard since Oct. 26, from the same beds.

C. R. RUSSELL, Stockbridge, Mass., December 30, 1893.

Have grown Nasturtiums for three years from your seed and I am very well satisfied with them. No garden is complete without them.

J. S. DAHL, Fairhaven, Mass., March 10, 1894.



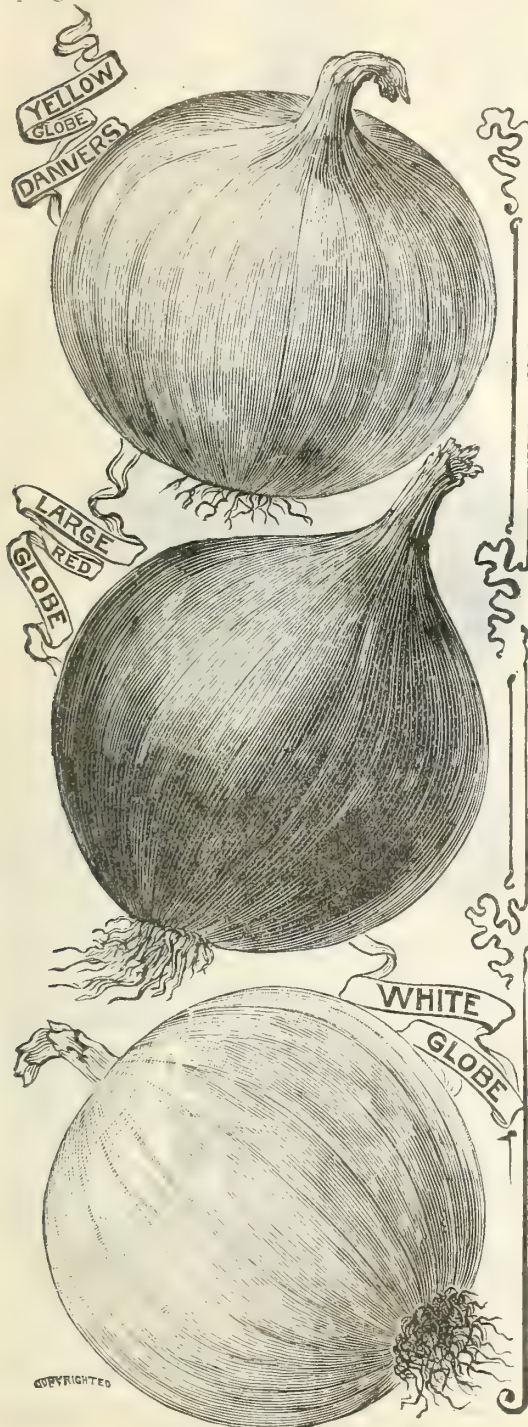
# ONIONS.

Zwiebel, GER. Oignon, FR. Cebolla, SP.

**One ounce for one hundred feet of drill; six pounds for one acre.**

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart, and about 4 inches apart in the drills; the Onions, by this process, are obtained of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart, and about  $\frac{1}{4}$  inch deep, in March, or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills, keeping them well hoed and free from weeds; for this purpose the Red Wethersfield and Yellow Danvers are usually preferred. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use thin out to 4 inches apart, to secure a crop of large Onions. This plan works admirably in the South, but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in spring.



**Extra Early Red.** Earlier than the Wethersfield, and somewhat smaller, close-grained and a good keeper. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Large Red Wethersfield.** A leading variety in the Eastern States; it grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**White Portugal or Silver Skin.** One of the leading sorts, mild flavored, early, extensively grown for pickling. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Yellow Globe Danvers.** A standard sort and one of the most desirable, an excellent keeper and very productive. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Philadelphia Yellow Dutch, or Strasburg.** The leading market variety, a good keeper, and well flavored; bright straw colored skin and somewhat flattened shape. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Southport Red Globe.** Beautiful globe-shaped, rich purplish crimson; a good keeper and of superior quality. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Southport White Globe.** Pure white color, mild flavor, and equally as good for keeping as the yellow sort. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Southport Yellow Globe.** A very large, handsome, globular-shaped, yellow variety, very productive, of mild flavor, excellent keeper. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Mammoth Silver King.** Of large size; specimens have been grown as much as 3 pounds, flat in shape, skin silvery white, flesh pure white, of exceedingly mild and delicate flavor. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Prize Taker.** This is the large pale yellow Onion that is offered for sale in the fruit stores and markets in the fall. It grows to a very large size, often 12 to 14 inches in circumference; flesh white, of mild and delicate flavor. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**White Pearl.** One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**White Queen.** A rapid growing silver-skinned variety, of mild flavor, early, and excellent for pickling. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**White Barletta.** An extra early small pure white Onion. As a pickling variety it is unexcelled. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Large White Tripoli.** An excellent large flat white variety, of quick growth and mild flavor. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Large Red Tripoli.**

A large red, flat Onion. Like the other Italian sorts, it is free from strong aroma, and adds to its other good qualities that of keeping well during the winter. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**White Victoria.**

With good cultivation this variety grows to a large size, of distinct oval shape, skin and flesh silvery white, sometimes tinted with light rose, very mild and sweet. Pkt., 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Giant Rocca.** A very large variety from Naples, bright brown skin, and delicate flavor; globular in shape. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



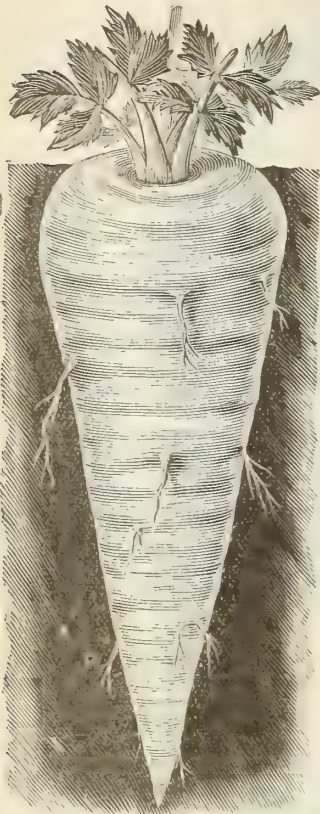
WHITE PORTUGAL.



## PARSNIP.

*Pastinake*, GER. *Panais*, FR. *Pastinaca* & *Chirivía*, SP.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.



HOLLOW CROWN PARSNIP.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and  $\frac{1}{2}$  inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

### Large Sugar, or Hollow Crown.

The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Student.** A good, half-long variety, smooth, sweet and of delicate flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

## Parsley.

*Petersilie*, GER. *Persil*, FR. *Perejil*, SP.

One ounce will sow 150 feet of drill.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April, in rows 1 foot apart and  $\frac{1}{2}$  inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

**Half Curled.** A medium curled variety for garnishing and seasoning. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Dwarf Extra Curled Perpetual.** Leaves tender, crimped and very curly, of a beautiful bright green color, and very ornamental; excellent for garnishing. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Champion Moss Curled.** A distinct variety of unequalled merit, beautifully crimped and curled. It can be cut the year round, as it rarely runs to seed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Fern Leaved.** Nothing better for garnishing could be desired. As a garden decorative plant it is very ornamental. It will stand the winter if covered before frost. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



DWARF EXTRA CURLED PARSLEY.

## PEPPER.

*Pfeffer*, GER. *Piment*, FR. *Pimiento*, SP.

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Golden Dawn and Ruby King, are used for Mangoes, while the small fruited sorts are the best for sauces. Sow in hot-beds in March or April, or on a warm sheltered border in May, and when the season is favorable transplant in good, rich, mellow ground.

**Large Sweet Bell, or Mountain.** A large early variety, of mild flavor, rind thick and fleshy. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Ruby King.** A good variety for Mangoes or pickling, as it is not too fiery. A productive sort. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Long Red Cayenne.** From 3 to 4 inches long, of bright red color, very productive and hot. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Small Chili.** Red conical pods about 2 inches long, very hot and prolific; used for seasoning and sauces. Pkt. 5 cts., oz. 25 cts.



LARGE SWEET BELL.

**Procopp's Giant.** Grows uniformly to a very large size, measuring from 8 to 9 inches long, of a brilliant scarlet color; flesh very thick and moderately hot. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Golden Dawn.** A magnificent yellow Pepper of the bell class; mild and sweet. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Celestial.** One of the most prolific of the Peppers. The pods are borne upright; are conical in shape, and vary in color from creamy white when unripe to brilliant scarlet when ready for pickling. Whether for culinary or decorative purposes, it will be found very useful. Pkt. 5 cts., oz. 25 cts.

**Creole, or Bird's-Eye.** A distinct variety, largely grown in the South, fruit very small, round and very hot. It is quite ornamental and often grown as a pot plant. Pkt. 10 cts., oz. 40 cts.

**Red Cluster.** One of the most desirable Peppers. It bears its bright scarlet fruit in numerous clusters. As a decorative plant for the flower garden it will be found very useful, as its brilliant scarlet fruit makes a charming contrast with its deep green leaves. Pkt. 10 cts., oz. 30 cts.

**Red Cherry.** A beautiful ornamental variety, fruit round, of a rich glossy scarlet color, very hot and used for seasoning. Pkt. 5 cts., oz. 25 cts.

**Coral Gem.** Beautiful little pods of shining red color, so thickly set as to give it the appearance of a bouquet of coral. Pkt. 10 cts., oz. 40 cts.



# PEAS.

One quart will plant about 100 feet of drill; one and a half bushels for one acre.

Peas mature earliest in a light, rich soil; for a general crop, a rich deep loam, or inclining to clay, is the best. When grown for a market crop sow in single rows, 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart, according to the variety. When grown in gardens sow in double rows, 6 to 8 inches apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean and earthed up twice during growth. The wrinkled varieties are not as hardy as the small hard sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited from their habit for small gardens or for forcing, and can be planted in rows 1 foot apart.



## EXTRA EARLY VARIETIES.

**Dreer's Eureka Extra Early.** The earliest and most prolific variety. This sort has given the best results wherever grown, and is a standard for earliness and quality. It is an even cropper, and can be gathered clean in two pickings. This is an important item when the space is wanted for repeated cropping. For a late fall crop it has few equals, and is the market gardener's favorite for all seasons; height, 20 inches. Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Dreer's Extra Early Pioneer.** A Pea that will meet the wants of all who desire EARLY PEAS. Pods of medium size, containing 4 to 6 full, plump peas of fine flavor. A remarkably early variety, and one that should be largely planted by market gardeners and truckers. Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Improved Daniel O'Rourke.** A valuable sort for market gardeners and private use. Of good flavor, productive and early. Pt. 15 cts., qt. 25 cts., peck \$1.15, bu. \$4.00.

## EXTRA EARLY VARIETIES.—

*Continued.*

**American Wonder.** The earliest wrinkled variety in cultivation; in productiveness, flavor and quality it is unsurpassed. Pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$7.00.

**Extra Early Premium Gem.** A fine flavored dwarf, wrinkled variety, an improvement on the Little Gem; pods long, dark green and prolific; height 18 inches. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.50.

**McLean's Little Gem.** A dwarf first early, green-wrinkled marrow, very prolific, and of superior flavor; 1 foot. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.50.

**Laxton's Alpha.** One of the earliest wrinkled marrows; a prolific variety, of fine flavor; pods large and well filled; 3 feet. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.50.

**Alaska.** An extra early, round pea resembling Kentish Invicta. Of good flavor and color, and bearing pods of a dark green color, which are well filled and ripen uniformly; 2 feet. Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Lightning.** A very early Pea, bearing in great profusion long well-filled pods, containing peas of a bright green color, well flavored, sweet, and of good size. The plants are completely studded with peas early in the season; 2 feet. Pt. 15 cts., qt. 30 cts., peck \$1.25, bu. \$4.50.

**Blue Beauty.** A good variety to follow American Wonder; it grows compactly and bears a profusion of excellent peas; 18 inches. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

## SECOND EARLY.

**McLean's Advancer.** A fine early market variety, prolific, well-filled long pods, tender, and of delicious flavor; 2 feet. Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Horsford's Market Garden.** A prolific and desirable Pea for a summer crop; pods are full and borne in profusion. Pt. 15 cts., qt. 25 cts., peck \$1.50, bu. \$4.50.

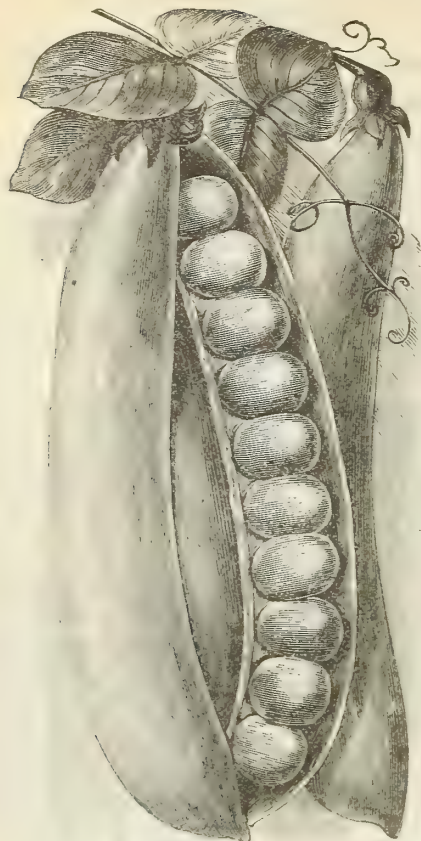
**Bliss' Abundance.** Pods containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kind. 1½ feet. Pt. 15 cts., qt. 25 cts., peck \$1.50, bu. \$4.50.



AMERICAN WONDER.

Packets of all varieties at 10 cents each. Add for postage on Peas 8 cts. per pint, 15 cts. per quart. Larger quantities sent by express or freight at purchaser's expense.





HEROINE.

**Heroine.** A medium early green wrinkled pea, and one of the best of recent introduction; large, recurved, showy pods; an immense cropper; peas of finest quality; height 2 to 2½ ft. Pt. 20 cts., qt. 40 cts., peck \$2.50.

**Shropshire Hero.** A grand new second early wrinkled pea, producing long, handsome, well-filled pods in great abundance; 2½ ft. Pt. 20 cts., qt. 40 cts., peck \$2.50.

### FOR GENERAL CROP.

**Champion of England.** The most popular wrinkled variety in cultivation, of delicious flavor; a profuse bearer; 5 ft. Pt. 15 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

**Paragon.** This new variety will outyield all others. It comes into bearing earlier than Champion of England, and follows Advancer, producing large straight pods containing from six to nine peas of superb quality. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., peck \$2.50.

**Stratagem.** A green, wrinkled marrow, producing numerous pods of large size peas of excellent quality. A superior variety that cannot be too highly recommended; 2½ ft. Pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$7.00.

**Yorkshire Hero.** A splendid wrinkled marrow for market and kitchen gardens; of branching habit, abundant cropper and excellent quality; 2½ ft. Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Everbearing.** A first-class pea for summer and autumn use, pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor, very sweet and tender; 2 ft. Pt. 15 cts., qt. 25 cts., peck \$1.50, bu. \$5.00.

**Telephone.** Immensely productive, of the finest quality and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size and closely packed with large, delicious peas; 4 ft. Pt. 15 cts., qt. 25 cts., peck \$1.50, bu. \$5.50.

**Pride of the Market.** A medium early dwarf pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality; 1½ ft. Pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$7.00.

**Culverwell's Telegraph.** A strong grower, producing large pods containing 10 to 12 large peas in each. Peas, when cooked, are of a deep-green color, and of very fine flavor. Pt. 20 cts., qt. 30 cts., peck \$1.75, bu. \$6.50.

### PEAS—Continued.

**June.** One of the best of the late wrinkled peas, with large, straight pods filled with delicious dark green peas of large size. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., peck \$2.50.

**Blue Imperial.** A favorite summer, market gardener's variety; good bearer, and of fine flavor; height 3 ft. Pt. 15 cts., qt. 20 cts., peck \$1.00, bu. \$3.50.

**French Canner** (*Petit Pois, or Small French Pea*). This is the small French pea extensively used for canning, and is the most profitable variety grown for that purpose. It is very prolific, producing long, slim pods containing from 7 to 10 peas of fine quality; 3 to 3½ ft.; plant in rows 4 feet apart. Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Large White Marrowfat.** Large, well-filled pods; 5 ft. Pt. 10 cts., qt. 20 cts., peck 80 cts., bu. \$3.00.

**Black-Eyed Marrowfat.** This and the White Marrowfat are extensively grown as field peas, as they are hardy, productive and bear well-filled pods; 4 ft. Pt. 10 cts., qt. 20 cts., peck 80 cts., bu. \$3.00.

### SUGAR PEAS (Edible Podded).

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young, boiled whole, and served up with white sauce.

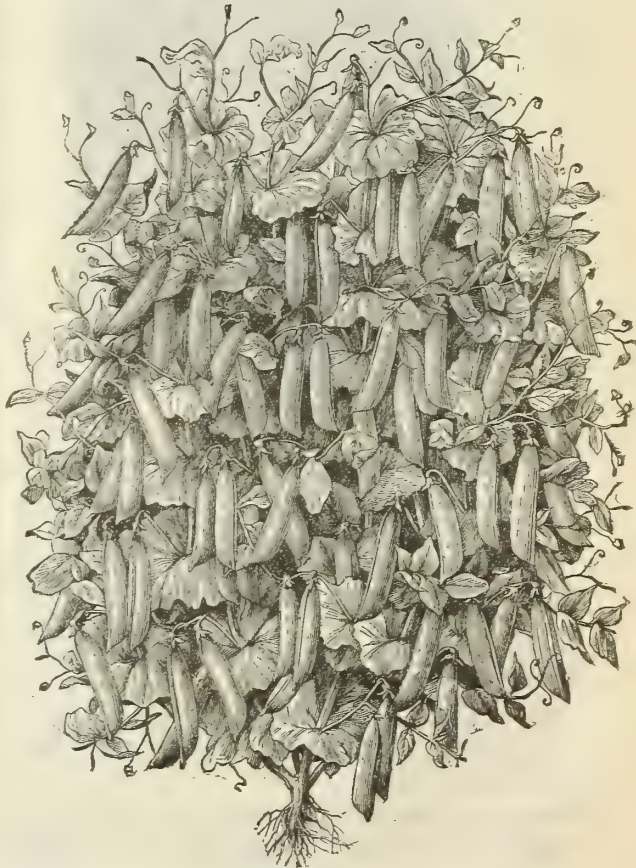
**Dwarf White Sugar.** Edible pods, fine flavor; used like Snap-Short beans; 2 ft. Pt. 20 cts., qt. 40 cts.

**Tall White Sugar.** Large, long, edible pods; used like the Dwarf Sugar; 5 ft. Pt. 20 cts., qt. 40 cts.

**Melting Sugar.** A new and prolific variety of delicious quality; 5 to 6 feet. Pt. 30 cts., qt. 60 cts.

**Dwarf Gray Seeded Sugar.** Similar to above variety, except in height; 2 ft. Pt. 20 cts., qt. 40 cts.

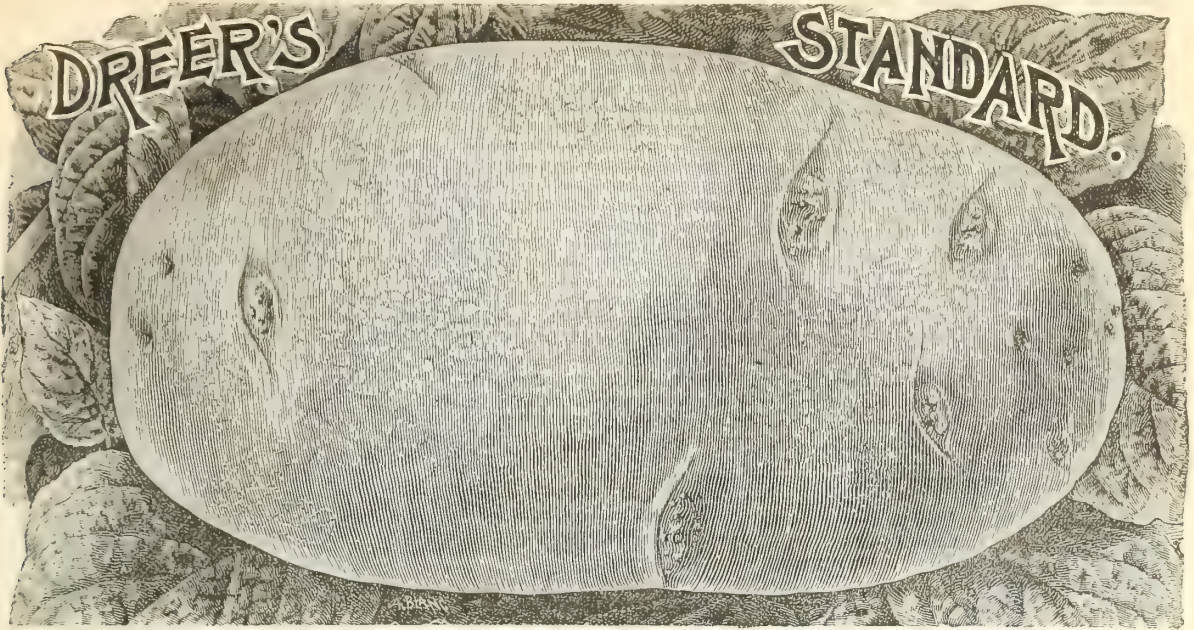
*For Peas (Field Varieties) see Farm Seeds, page 36.*



BLISS' ABUNDANCE.

Packets of all varieties of Peas at 10 cents each. Add for postage on Peas 8 cts. per pint, 15 cts. per quart. Larger quantities sent by express or freight at purchaser's expense.





## POTATOES.

*Kartoffel, GER. Pomme de Terre, FR. Potata ó Papas, SP.*

The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The potato being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone-dust, for heavy and wet soils especially, as they promote growth and at the same time prevent disease. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light warm soil about 4 inches, and in cold wet ground 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired, sprout the tubers, or cut potatoes, in a light, warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots, and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking.

**Dreer's Standard.** A splendid extra early variety, of fine quality, beautiful appearance and extraordinary productiveness, free from disease or rot and an excellent keeper.  $\frac{1}{2}$  pk. 30 cts., pk. 50 cts., bu. \$1.60, bbl. \$4.25.

**Early Puritan.** A first-class early Potato, of handsome, oblong shape; flesh pure white; matures with the Early Rose.  $\frac{1}{2}$  pk. 30 cts., pk. 50 cts., bu. \$1.60, bbl. \$4.25.

**Early Rose.** A leading variety for earliness, quality and productiveness.  $\frac{1}{2}$  pk. 25 cts., pk. 40 cts., bu. \$1.25, bbl. \$3.25.

**Beauty of Hebron.** Early; productive; of excellent quality; a good keeper.  $\frac{1}{2}$  pk. 25 cts., pk. 40 cts., bu. \$1.25, bbl. \$3.25.

**Queen.** A medium early pinkish white Potato of fine quality, yielding large, handsome tubers.  $\frac{1}{2}$  pk. 30 cts., pk. 50 cts., bu. \$1.50, bbl. \$3.50.

**Freeman.** Oblong, slightly flattened, russet netted skin, eyes very shallow, table quality unsurpassed and under favorable conditions the best yielding early Potato; especially suitable for moist or very rich land.  $\frac{1}{2}$  pk. 30 cts., pk. 50 cts., bu. \$1.60, bbl. \$4.25.

**Lightning Express.** This new Potato is claimed to be the earliest large variety in cultivation and the best of its class. It is a fine type of the Early Rose, an enormous yielder with handsome tubers of the finest quality.  $\frac{1}{2}$  pk. 40 cts., pk. 60 cts., bu. \$1.75, bbl. \$4.50.

**Polaris.** Very early, pure white in color, eyes shallow, shape oblong, tending to long, a remarkably heavy cropper.  $\frac{1}{2}$  pk. 30 cts., pk. 50 cts., bu. \$1.50, bbl. \$4.00.

**Crown Jewel.** A seedling of the Early Ohio, and partakes of the excellent qualities of that fine variety; skin white and smooth, eyes shallow but strong, flesh pure white and floury.  $\frac{1}{2}$  pk. 30 cts., pk. 50 cts., bu. \$1.50, bbl. \$3.75.

Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We use our discretion in regard to time of shipment, as frequently, when orders are received, the weather for a week at a time will not permit safe delivery. We assume no risk on Potatoes. They are forwarded strictly at purchaser's risk. Special rates per bushel on large lots when shipped in sacks.

**Rural New Yorker, No. 2.** A valuable variety of large size, very smooth and a great cropper; in quality unexcelled.  $\frac{1}{2}$  pk. 30 cts., pk. 50 cts., bu. \$1.50, bbl. \$3.50.

**Clark's No. 1.** An early sort resembling Early Rose, but considered more prolific. It cooks mealy, is of excellent flavor, and of first quality. Peck 40 cts., bu. \$1.25, bbl. \$3.25.

**State of Maine.** Medium early, excellent flavor, cooks dry, is a good keeper and very productive.  $\frac{1}{2}$  pk. 25 cts., pk. 40 cts., bu. \$1.25, bbl. \$3.25.

**White Star.** A medium early variety of the best quality and appearance; large, oblong, uniform-sized tubers, remarkably productive.  $\frac{1}{2}$  pk. 25 cts., pk. 40 cts., bu. \$1.25, bbl. \$3.25.

**Empire State.** An excellent Potato; skin smooth, white; eyes close to the surface, flesh pure white, and cooks dry and mealy.  $\frac{1}{2}$  pk. 25 cts., pk. 40 cts., bu. \$1.25, bbl. \$3.25.

**Burbank's Seedling.** A white-skinned, medium early variety, with few eyes; flesh fine-grained and of excellent flavor.  $\frac{1}{2}$  pk. 25 cts., pk. 40 cts., bu. \$1.25, bbl. \$3.25.

**Irish Daisy.** New; a seedling of the Empire State, of fine form and quality; an enormous yielder and one of the best late sorts.  $\frac{1}{2}$  pk. 40 cts., pk. 60 cts., bu. \$1.75, bbl. \$4.50.

(3 lbs. by mail of any of the above varieties for 75 cts.)

## SWEET POTATOES.

**Yellow Nansemond.** A short, thick variety, very productive, and considered the best for general culture. Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Red Nansemond.** Short, thick and of good flavor; largely grown in some sections in preference to the yellow. Peck 60 cts., bu. \$2.00, bbl. \$4.00.

(For Sweet Potato plants, see page 33.)



# RADISH.

*Rettig, oder Radieschen, GER. Radis, Rave Petite et longue, FR.*

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth; heavy or clayey soils not only delay their growth, but produce a much inferior crop in appearance and flavor. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply dug, and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. As soon as the first leaves appear, sprinkle with soot, wood-ashes, or air-slacked lime, or slug shot, to save them from the little black Cabbage and Turnip fly. The winter varieties should be sown in July and August; like the Turnip, they make the best growth in autumn, and must be taken up before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.

## EARLY RADISHES.

**Cardinal Globe.** This is the very best forcing variety, and is sown largely by market gardeners and truckers. It is of globular shape and brilliant cardinal red color, short top, and will stand a large amount of heat without becoming pithy. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**White-Tipped Scarlet Gem.** An excellent variety for forcing, with very short leaves, bright scarlet, with a clearly-defined white tip. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Scarlet Frame.** A very early Turnip Radish; of a bright scarlet crimson color, perfectly round, crisp and tender. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Round Red Forcing.** One of the earliest and best of the Turnip varieties for forcing; very short leaved, small top; color of skin dark red, white fleshed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Round White Forcing.** Similar to the above in every respect, except its white skin. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

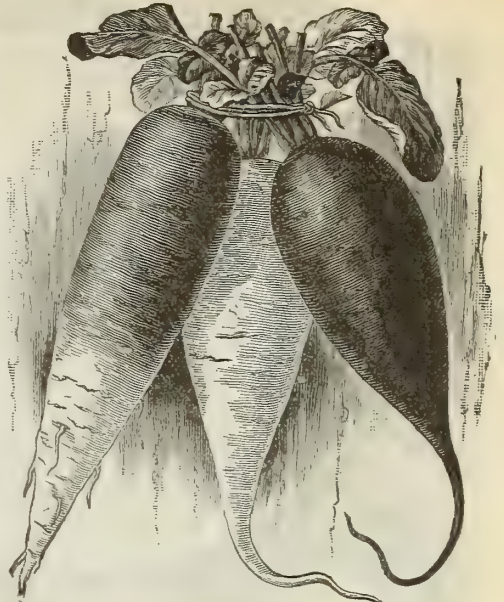
**Early French Breakfast.** Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color tipped with white. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Early Scarlet Turnip.** A small top variety, of quick growth, mild and crisp. It is a standard sort for early planting in the open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Early White Turnip.** An early, crisp, Turnip-shaped Radish of a pure white color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Philadelphia White Box.** Perfectly round, smooth skin, pure white, free from any sharpness or bitterness. A remarkably quick grower, with small top. For forcing it is in every way superior. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Wood's Early Frame.** Top very small, bright salmon color, and several days earlier than Long Scarlet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



CHARTIER. WHITE STRASBURG. HALF LONG DEEP SCARLET.

**Half Long Deep Scarlet.** An excellent intermediate sort, for forcing or open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Long Scarlet Short Top.** Long, bright scarlet, with small top. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

## SUMMER RADISHES.

**Beckert's Chartier.** Color bright salmon scarlet, shading to white as it approaches maturity. Very crisp and tender. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Large White Summer Turnip.** The market gardener's favorite; large, turnip-shaped, white, very crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Large Yellow Summer Turnip.** Like the above, except in color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Long White Naples.** An excellent variety, flesh white, crisp and mild. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Golden Yellow Olive-Shaped.** A new very early yellow Radish, adapted for forcing and the open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Giant White Stuttgart.** A quick-growing variety of large size, firm and brittle and of good quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**White Strasburg.** Roots oblong, of a pure white color, very brittle and of mild flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

## WINTER VARIETIES.

**Long Black Spanish.** A large, long variety, one of the hardiest, keeping until spring. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

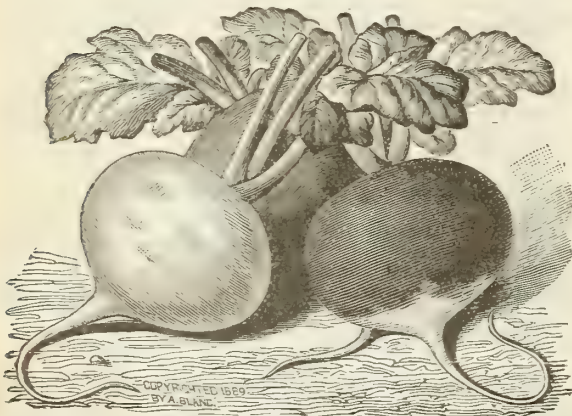
**Round Black Spanish.** One of the best for winter use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Large White Spanish.** Of milder flavor than the black varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Scarlet China.** One of the best fall and winter varieties, a favorite with market gardeners. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Round Scarlet China.** A new variety of the China Winter Radish. Root round, of a fine scarlet color. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**California White Winter.** A mammoth variety, growing 12 inches long, white fleshed, firm, and of excellent quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



WHITE BOX. SCARLET FRAME. WHITE-TIP SCARLET GEM.





POTIRON MAMMOTH.

## PUMPKIN.

*Kürbis*, GER. *Potiron*, FR. *Calabaza*, SP.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn; always avoid planting near other vines, as they will hybridize. The Cashaw is generally preferred for cooking and making pies.

**Large Cheese.** One of the best for table use, productive, skin orange, flesh yellow and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Cashaw.** Long, yellow crook-neck, similar to the Crook-neck Winter Squash; flesh yellow, solid, fine grained, and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Potiron Mammoth** (*Jumbo, King of the Mammoths, Large Yellow, etc.*). The largest of all pumpkins. Specimens have been grown weighing over 225 pounds; flesh bright yellow, of good quality. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Large Tours.** A productive variety, which grows to an immense size, often weighing over a hundred pounds. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Red Etampes.** Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Tennessee Sweet Potato.** Pear-shaped, flesh thick, cream white, fine-grained, and of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Large Yellow Field.** For feeding stock. Oz. 5 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 30 cts.

## RHUBARB.

*Rhabarber*, GER. *Rhubarbe*, FR. *Ruibarbo Bastardo*, SP.

The stalks of this plant are used for pies and tarts. Sow in April, in drills 1 foot apart; when 3 or 4 inches high, thin out in the rows to 10 inches apart; and transplant the ensuing autumn or spring to any desired situation, in a deep, rich soil. The ground must be dug and heavily manured, at least 2 feet deep. Set out the roots 3 feet apart each way, and the following spring it will be fit for use. In the fall the bed should have a thick dressing of coarse manure, which is to be dug into the ground in the spring. We recommend those who desire a choice article to procure the roots, which can be set out either in the fall or spring as above described.

**Linnaeus.** Early, large, tender, and very fine. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Victoria.** Very large, the finest cooking variety. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

## RHUBARB ROOTS.

(See *Vegetable Plants, etc.*, page 33.)

## SORREL.

**Large Leaved Garden.** Cultivated for its acidity and much used in salads. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

## SALSIFY.

(Oyster Plant.)

*Haferwurzel oder Bocksbart*, GER. *Salsifis*, FR. *Ostra Vegetal ó Barba Cabruna*, SP.

A fine vegetable, used and served as Carrots; or, after being boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots and parsnips; it is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and thin out to 6 inches apart in the rows.

**Mammoth Sandwich Island.** This variety grows here to a very large size, and resembles a good sized parsnip. It is very mild and delicate flavored and has already found its way to popular favor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Long White.** The favorite market variety, and the best flavored. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Long Black, or Scorzonera.** Resembling the above, and cultivated in the same way. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



LONG STANDING.

## SPINACH.

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

*Spinate*, GER. *Epinard*, FR. *Espinacu*, SP.

This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, planting three or four seeds to the hill, or they can be started in heat and transplanted; it can be cut for use all summer.

**Dreer's Round Seeded Savoy.** The hardiest large Savoy leaved; curled and crimped, with thick, fleshy leaves, the best for family and market purposes, and the best of all sorts for fall sowing. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 30 cts.

**Long Standing Round Seeded.** A large crimped, thick, fleshy Savoy leaved variety; will stand two weeks longer than any other sort before shooting to seed. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 30 cts.

**Victoria (New).** This new variety is distinguished by the exceedingly dark green color of its leaves, and also for its long standing qualities. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Large Leaved Viroflay.** A very fine selection of the old lettuce-leaved spinach; for summer use it is excellent. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 30 cts.

**Prickly Seeded, or Fall.** The hardiest variety, having smaller leaves; is not so productive as the above sorts. Oz. 5 cts.,  $\frac{1}{4}$  lb. 10 cts., lb. 30 cts.

**New Zealand.** This variety endures heat and drought, and is the best for summer use; it produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.



# SQUASH.

*Küchenkürbis, GER. Courge, FR. Calabasa Tontaneraó Ciaracayote, Sp.*

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out, after they have attained their rough leaves, and danger from bugs is over, leaving three or four of the strongest plants per hill.



GOLDEN CUSTARD SQUASH.

## EARLY SORTS.

**Early White Bush.** The best early variety for market or shipping; it grows to a large size, scalloped like a patty-pan, and bearing an abundant crop. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Golden Custard Bush.** Of similar size and shape to the White Bush, but of a rich golden-yellow color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Yellow Crook Neck.** Early, productive and of good quality; skin orange-yellow. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

## SUMMER AND FALL SORTS.

**Early Orange Marrow.** An improved Boston Marrow. Quite distinct, very early and prolific, and of most delicate flavor; suitable either for fall or winter. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Perfect Gem.** This Squash possesses the excellent qualities of both the summer and winter varieties combined. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Boston Marrow.** About ten days later than the Bush varieties; a good keeper, of excellent flavor, flesh orange-colored and fine-grained. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.



SWEET NUT SQUASH.

**Vegetable Marrow.** A delicious English sort; skin greenish-white; flesh white, soft and of a rich flavor; a heavy cropper, quite distinct from the other sorts. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.



## FALL AND WINTER SORTS.

**Sweet Nut.** An excellent new sort of medium size, flesh dry, rich and very sweet; enormously productive and valuable both as a summer and a winter Squash. It possesses the desirable property of being entirely borer-proof. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Cook's Favorite.** This very desirable Squash is certain to please the most exacting, and when once grown will not be discarded. The skin is of a rich cream color, flesh deep orange, very fine-grained and superior for table use. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Fordhook.** A new winter Squash of great merit; of a handsome, bright-yellow color outside, and straw-yellow within; the flesh is dry and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



HUBBARD SQUASH.

**Hubbard.** One of the best late table varieties; of large size, flesh fine-grained, dry, and of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Mammoth Chili.** Rich orange-yellow; flesh thick and of good quality for making pies; grows to an enormous size; a valuable sort for feeding stock. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Pike's Peak, or Sibley.** Skin smooth and thin and of a pale-green color; flesh thick, solid; vivid-orange in color; very dry; of fine grain and delicate flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Winter Crookneck.** One of the best sorts for winter use, as it is an excellent keeping variety; flesh bright-yellow; of fine flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Faxon.** The characteristics of this new Squash are earliness, long keeping, variety of colors and superiority in sweetness and richness of flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.



## TOMATO.

*Liebesapfel*, GER. *Tomate*, FR. *Tomate*, SP.

For early plants sow in hot-beds early in March, in drills 5 inches apart and  $\frac{1}{2}$  inch deep; when the plants are about 2 inches high, transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovel-ful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower-pot, by placing it in a sunny window in a warm room or kitchen. For late use, sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and be ripened under glass. By training the Tomato vines on trellises or tying to stakes, they will increase in productiveness; the fruit will ripen better and be of finer quality.

**Ringleader.** A remarkably large and heavy-fruited Tomato, deep red in color. Flesh very thick, solid and of excellent quality. It is a second early variety, and should not be depended upon for early fruit. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Red Mikado.** We consider this one of the best. For slicing it will be found excellent, as it has few seeds and is very solid. The Tomatoes are of a bright red color,

large size, borne in clusters of 4 to 7, and ripen evenly. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts.

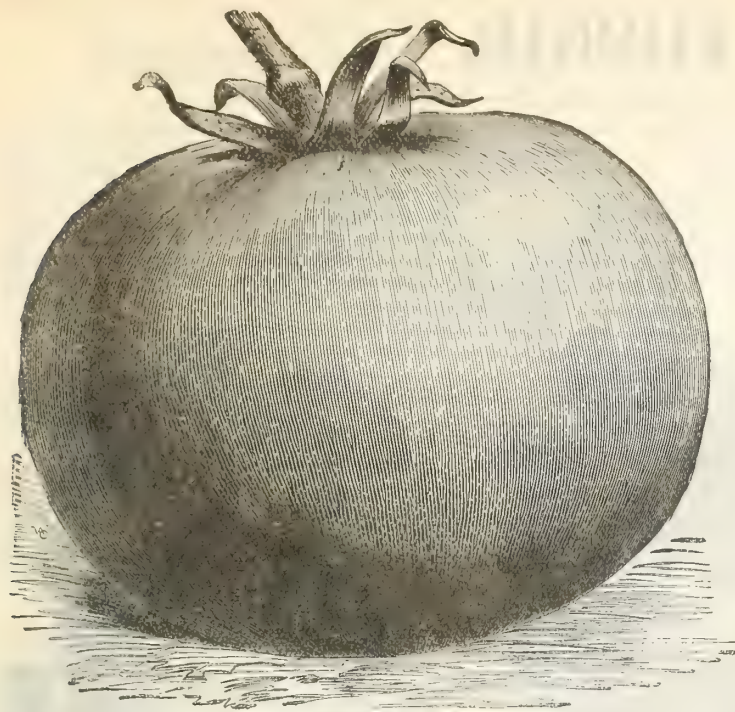
**Royal Red.** Royal Red is a first-class main crop variety, and will prove of special value to canners and catsup makers by reason of its beautiful deep red color. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Buckeye State.** New, one of the largest; fruits in immense clusters; in solidity and meatiness it has no equal. Color similar to Beauty, but somewhat darker and richer. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Ponderosa.** In size and irregularity of outline resembles the Ringleader, but is lighter in color; of good solid substance and a heavy yielder. These large varieties are excellent for stewing purposes. Pkt. 10 cts., oz. 50 cts.

**Selected Trophy.** One of the very best in cultivation; our seed is saved only from the finest ripe specimens, which for size, smoothness, solidity and excellent flavor are unsurpassed. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Golden Queen.** A very handsome yellow Tomato; resembles the Paragon in size, solidity and productiveness. Pkt. 10 cts., oz. 25 cts.



THE STONE TOMATO.

**The Stone.** Fruit very large, bright scarlet, very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed. One of the best. Selected seed. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts., lb. \$3.00.

**Acme.** One of the best for family use; ripens evenly, of medium uniform size, round, very solid, of a pinkish color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Atlantic Prize, or Early Ruby.** An extra early and very productive variety, valuable to market growers. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Beauty.** Rich glossy crimson with a slight purple tinge; grows in clusters of 4 to 5; is of large size; very smooth and solid. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Favorite.** One of the largest and most perfect-shaped varieties, ripens evenly and early; very prolific, good flavor, flesh solid. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Perfection.** Larger than Acme, fully as early, perfectly smooth, solid, almost round, deep red in color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Mikado (Turner's Hybrid).** Very large, fairly smooth and solid; skin purplish red; has distinct broad foliage. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Paragon.** A fine early variety and a heavy bearer, fruit of large size, solid and smooth as an apple. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Lorillard.** A splendid sort for forcing under glass as well as for out-door culture; bright, glossy red, smooth, and very early. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

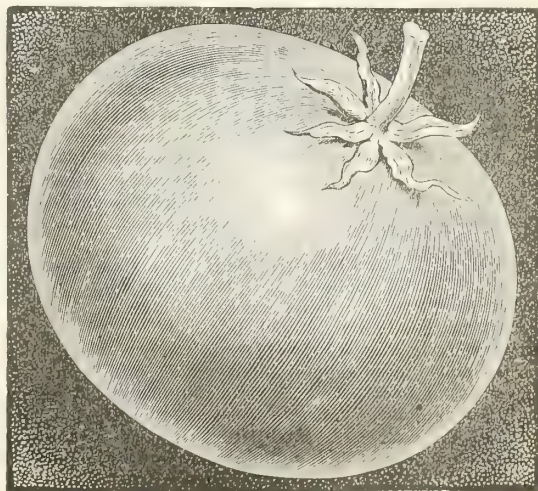
**Long Keeper.** Of medium size and shapely form, remarkably solid and a long keeper; of a deep pink color. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts., lb. \$3.00.

**Dwarf Champion.** An early and distinct variety, coming rapidly to maturity; medium in size; plant of dwarf and compact growth. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Dwarf Aristocrat.** This fine new variety in habit of growth and foliage resembles the dwarf Champion, except in the color of the fruit; a beautiful rich, glossy red, so much preferred by many to the purple or rose-colored sorts. In size, solidity, productiveness, smoothness and flavor it is unsurpassed. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Horsford's Prelude.** Bright crimson, round, smooth; growing in clusters; first-class sort to grow under glass or out of doors; very early. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 80 cts.

**Ignotum.** Excellent for family or market use; very prolific; the earliest of the large, deep red, smooth varieties, heavy and solid. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



GOLDEN QUEEN.

We can also supply the following varieties: **Cardinal**, **Chemin**, **Optimus**, **Peach**, **King Humbert**, **Red Pear-Shaped**, **Yellow Plum**, **Red Cherry**, **Yellow Cherry**, **Red Currant**, **Strawberry** or **Ground Cherry**, each at 10 cts. per pkt., 30 cts. per ounce.



# TURNIP.

*Steckrübe, GER. Navet, FR. Nabo Commun, SP.*

For early use, sow as soon as the ground opens in spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows; as soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slaked lime, or Slug Shot, to destroy the little black fly, which will devour the plants if not attended to in time. Slug Shot is a certain remedy for the black fly. For a succession, continue to sow every two weeks until June; for a fall and winter crop, sow in July and August; do not sow later than the 1st of September. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring.



WHITE FLAT DUTCH.

RED TOP STRAP LEAF.

## TABLE TURNIPS.

**Early White Flat Dutch.** An early white fleshed variety, of quick growth, mild flavor, and excellent quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Red, or Purple Top Strap Leaf.** This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Extra Early Munich.** A very early variety, purple top, white flesh, of fine grain and good flavor. Should be grown quickly. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Extra Early Purple Top Milan.** This variety is at least two weeks earlier than any other. It is of a handsome appearance, somewhat flattened, white with purple top, flesh snow-white, fine grained and delicate flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts.

**Early White Egg.** An egg-shaped variety, for spring or fall sowing, flesh white, firm, fine-grained, mild and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Purple Top White Globe.** A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

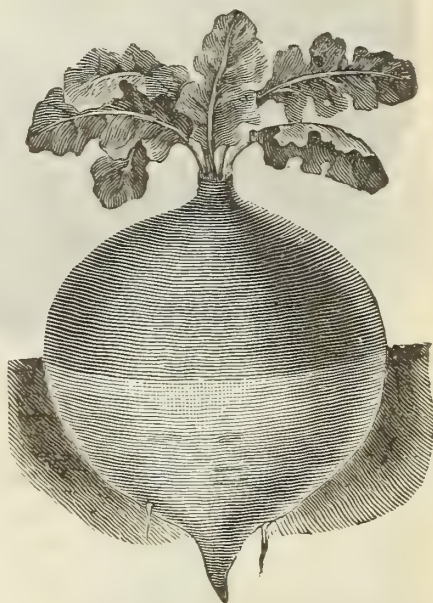
**Yellow Globe, or Amber.** One of the best for a general crop, flesh firm and sweet, grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Yellow Stone.** One of the best yellow fleshed varieties for table use; equally good for feeding stock. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Golden Ball, or Orange Jelly.** A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Long White, or Cow Horn.** Grows very quickly, partly above ground; very productive, flesh white, fine-grained and sweet, of excellent quality for family and market gardeners' use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Yellow Aberdeen, Purple Top.** Very hardy and productive, good keeper, globe-shaped and fine quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.



DREER'S IMPROVED PURPLE TOP RUTA BAGA.

## RUTA BAGAS.

**Dreer's Improved Purple Top.** This is a choice stock, roots of large size and perfect form, fine grained, with short top and smooth skin. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

**American Purple Top.** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Large White French.** A superior variety for table or stock; flesh firm, white and solid. The roots of this variety are produced entirely under ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Skirving's Purple Top.** An imported variety of large size and strong growth, a heavy cropper and one of the best for field culture. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

## TOBACCO.

**Connecticut Seed Leaf.** One of the best varieties for cigar wrappers. Pkt. 5 cts., oz. 25 cts.

**Pennsylvania Seed Leaf.** The most noted selection grown in Lancaster county. It has a larger and finer leaf than the Connecticut. Pkt. 5 cts., oz. 25 cts.

**White Burley.** The most popular variety grown in the West. Pkt. 5 cts., oz. 25 cts.

**Havana.** The fine qualities of this variety make it indispensable. The seed we offer is the best Vuelta Abajo. Pkt. 10 cts., oz. 30 cts.

**Hycos, Herter, Sterling, Long-Leaf Gooch, Yellow Prior.** Each per pkt. 10 cts., oz. 30 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.



# Sweet, Pot and Medicinal Herbs.

Herbs, in general, delight in a rich, mellow soil. Those marked with an \* are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seeds early in the spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs for flavoring soups, meats, etc., and care should be taken to harvest them properly. They should be cut on a dry day just before they come into full blossom; tied in bunches and hung up or spread thinly on a floor where they can dry quickly.

**Anise.** For garnishing and flavoring. Pkt. 5 cts., oz. 10 cts.

**\*Balm.** Used for tea or balm wine. Pkt. 5 cts., oz. 20 cts.

**Basil, Sweet.** Used for soups, stews and sauces; 1 foot. Pkt. 5 cts., oz. 20 cts.

**Bene.** Used medicinally. Pkt. 5 cts., oz. 20 cts.

**Borage.** Excellent for bees, etc. Pkt. 5 cts., oz. 15 cts.

**\*Caraway.** For confectionery and medicine, also flavoring. Pkt. 5 cts., oz. 10 cts.

**Castor Oil Bean.** For ornament and medicine; 6 feet. Pkt. 5 cts., oz. 15 cts.

**Coriander.** Grown for its seed, also for garnishing; 2 feet. Pkt. 5 cts., oz. 10 cts.

**Cumin.** Good for pigeons, etc. Pkt. 5 cts., oz. 15 cts.

**Dill.** Leaves used in soups, sauces and pickles; also seed for flavoring. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**\*Horehound.** Used medicinally. Pkt. 5 cts., oz. 30 cts.

**\*Lavender.** An aromatic herb. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**\*Fennel, Sweet.** Leaves when boiled are used in fish sauces. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts.

**Marjoram, Sweet, American.** Home grown seed is the best for winter use, as it makes more bulk. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Marjoram, Sweet, Imported.** Imported seed is best to cut when green for summer use. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.

**\*Rosemary.** An aromatic and ornamental herb. Pkt. 5 cts., oz. 30 cts.

**\*Rue.** For medicinal purposes; good for fowls for the crop. Pkt. 5 cts., oz. 15 cts.



SAGE.

**\*Sage.** The tender leaves and tops are used in sausage, stuffing and sauces. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts.

**Savory, Summer.** For seasoning purposes. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts.

**\*Savory, Winter.** Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**\*Tansy.** For medicinal use. Pkt. 5 cts., oz. 30 cts.

**\*Thyme, French Summer.** Used for seasoning. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**\*Thyme, Broad-Leaved English.** For seasoning. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**\*Wormwood.** Used medicinally, beneficial for poultry, and should be planted in poultry yards. Pkt. 5 cts., oz. 35 cts.

## Vegetable Plants and Roots.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season. For late Cabbage and Celery plants, see our Mid-summer List, issued July 1st.



### Asparagus Roots.

**Conover's Colossal.** 1 year, 100, 90 cts.; 1000, \$4.00.

2 years, 100, \$1.00; 1000, \$5.00.

**Dreer's Eclipse.** 1 year, 100, \$1.00; 1000, \$6.00.

2 years, 100, \$1.25; 1000, \$7.00.

**Palmetto.** 1 year, 100, \$1.00; 1000, \$6.00.

2 years, 100, \$1.25; 1000, \$7.00.

**Donald's Elmira.** 1 year, 100, \$1.25; 1000, \$7.00.

2 years, 100, \$1.50; 1000, \$9.00.

**Columbian Mammoth White.** 1 year, \$1.25 per 100; \$7.00 per 1,000. 2 years, \$1.50 per 100; \$9.00 per 1,000.

**Cabbage Plants.** Cold frame. Ready March-April. Early Jersey Wakefield, Dreer's Early Drumhead, Succession. \$1.00 per 100; \$7.50 per 1,000.

**Cauliflower Plants (Selected Early Erfurt).** Hot-bed plants ready in April. 30 cts. doz.; \$1.50, 100; \$10.00, 1,000.

**Celery Plants.** Ready July 1st. Golden Self-Blanching, Golden Dwarf, White Plume, Giant Pascal, etc. See Mid-summer Price List.

**Chives.** For flavoring. 10 cts. per clump, \$1.00 per doz.

**Egg Plants.** Ready in May and June. New York Improved Large Purple.

Grown in pots, 75 cts. per doz., \$5.00 per 100.

Out of hot-beds, 40 cts. per doz., \$3.00 per 100.

**Hop Vine Roots.** 50 cts. per doz., \$2.50 per 100. By mail, 60 cts. per doz.

**Horse Radish Sets.** 15 cts. per doz., 50 cts. per 100, \$4.00 per 1,000. By mail, 20 cts. per doz.

**Lettuce Plants.** Ready in April and May. Dutch Butter, Silver Ball and Hanson. 15 cts. per doz., 50 cts. per 100.

**Pepper Plants.** Ready in May and June. Large Sweet Bell. 25 cts. per doz., \$1.50 per 100.

**Rhubarb Roots.** Linnaeus and Victoria. Strong roots 20 cts. each, \$2.00 per doz. Small roots 15 cts. each, \$1.50 per doz., \$10.00 per 100.

**St. Martin's Rhubarb.** New. 30 cts. each, \$3.00 per doz.

**Sage (Holt's Mammoth).** A large-leaved variety. It spreads rapidly, and never runs to seed. 15 cts. each, \$1.00 per doz.

**Tarragon.** For flavoring; the young leaves are used for pickles, vinegar, etc. 25 cts. each, \$2.50 per doz.

**Sweet Potato Plants.** Ready in May and June. We grow large quantities of the Red and Yellow Nansemond, and are in a position to make contracts for large lots. 30 cts. per 100, \$2.00 per 1000.

**Tomato Plants (Transplanted).** Ready in May and June. We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the leading varieties. 20 cts. per doz., \$1.50 per 100, \$10.00 per 1,000.

*Special Prices to Buyers of Large Quantities.*

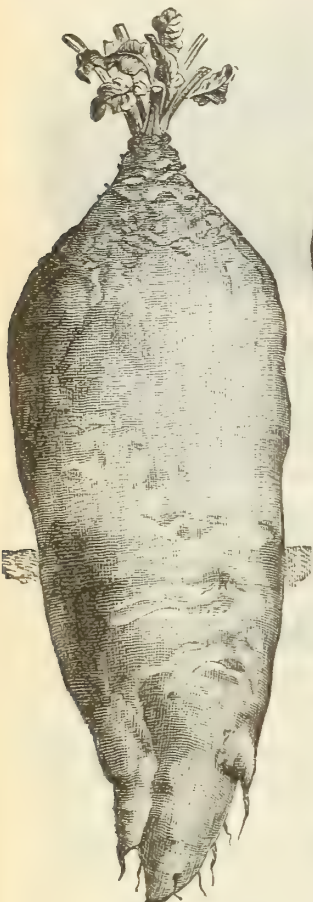


# FARM SEEDS.

We give special attention to the quality of all our Farm Seeds, and send out only re-cleaned stock. It is our aim to send out pure stock, true to name. For green manures we recommend sowing thickly Sugar Cane, Tares, Field Peas, Rye, and Oats, and plowing under when 6 to 8 inches high.

## Sugar Beets and Mangels.

For stock feeding these are indispensable. No one who keeps horses, sheep or cattle should be without these roots for winter and fall feeding. They are rich in saccharine matter, increase largely the flow of milk, and are excellent for feeding to fattening stock.



LONG RED MAMMOTH  
MANGEL WURZEL.



YELLOW GLOBE MANGEL WURZEL.

soil than the Long Red.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.  
**Yellow or Orange Globe.** The same as the above, only differing in color.  
 $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

**Sugar Cane.** A very sweet and large growing Mangel. Should be grown by stock raisers, as it is an excellent variety.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

### MANGEL WURZEL.

Sow 6 lbs. per acre.

**Golden Tankard.** Considered indispensable by the best dairymen, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.50.

**Golden Yellow Mammoth.** A long Mangel, resembling in form and size the Red Mammoth; flesh, leaf stalks and midrib of the leaves golden yellow, flesh rich in saccharine matter. This should be grown largely by all interested in dairying, as it will be found extremely rich in all the elements of high feeding.

$\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.50.

**Mammoth Long Red.** A variety that is grown extensively by agriculturists. It produces large roots partly above the ground.

$\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

**Norbiton Giant.** An exceedingly heavy cropper, grows nearly two-thirds of its length out of the ground. Though of immense size it is easily harvested and is a valuable sort.

$\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

**Red Globe.** A large red oval variety, which keeps well, and produces better crops on shallow

### SUGAR BEETS.

**Improved Imperial White Sugar.** An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar.

$\frac{1}{4}$  lb. 20 cts., lb. 50 cts., 10 lbs. \$4.00.

**Lane's Improved White Sugar.** This Sugar Beet attains a large size, and grows considerably above the ground; fine for feeding.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.50.

**White Sugar.** A large growing variety, excellent for stock feeding and sugar-making.  
 $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

## TURNIPS.

### Ruta Baga Varieties.

**Improved American (Purple-Top).** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 50 cts. lb.; 10 lbs. \$4.50.

**Skirving's Purple-Top.** A first-rate variety; grows large and a good keeper. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 50 cts. lb.; 10 lbs. \$4.50.

**Large White French.** A superior variety for table or stock; flesh firm, white and solid. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 50 cts. lb.; 10 lbs. \$4.50.

**Long Island Improved Purple-Top.** This is undoubtedly the finest variety of purple-top Ruta Baga, and is twice the size of ordinary stocks.  
5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.; 60 cts. lb.

### White Fleshed Turnips.

**Purple-Top White Globe.** 50 cts. lb.; 10 lbs. \$4.50.

**Large White Norfolk.** 60 cts. lb.; 10 lbs. \$4.50.

**Long White or Cow Horn.** 50 cts. lb.; 10 lbs. \$4.50.

### Yellow Fleshed Turnips.

**Aberdeen Purple-Top Yellow.** 50 cts. lb.; 10 lbs. \$4.50.

**Golden Ball.** 50 cts. lb.; 10 lbs. \$4.50.

**Yellow Globe.** 60 cts. lb.; 10 lbs. \$4.50.

### CARROT.

Sow 4 lbs. per acre. (For description see page 25.)

**Improved Long Orange.**  $\frac{1}{4}$  lb. 25 cts., 80 cts. lb.

**Danvers Half Long.**  $\frac{1}{4}$  lb. 30 cts., 90 cts. lb.

**White Belgian.**  $\frac{1}{4}$  lb. 20 cts., 50 cts. lb.

**Altringham.**  $\frac{1}{4}$  lb. 25 cts., 80 cts. lb.

### PARSNIP.

Sow 5 lbs. per acre.

**Long Smooth or Hollow Crown.**  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

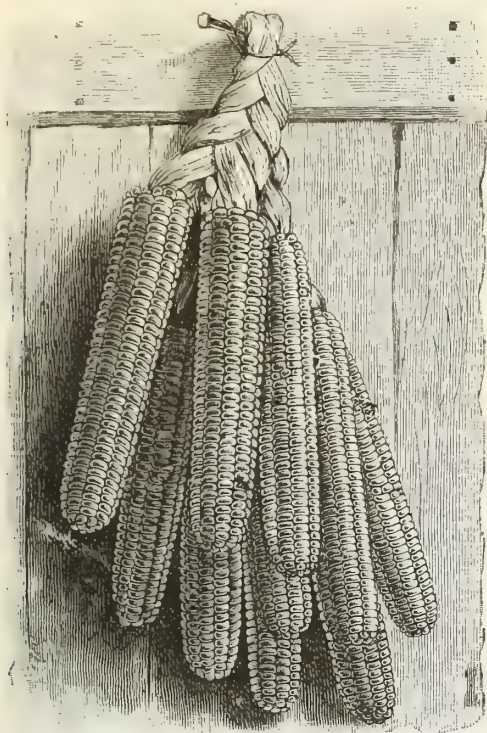
### PUMPKIN.

**Connecticut Field.** Used for feeding cattle. Per lb. 30 cts.



## Field Corn and Forage Plants.

Our Seed Corn has been grown for us by specialists, and will be found of the highest grade as to quality and germinating power. Sow eight quarts to the acre.



### YELLOW CORN.

**Early Yellow Canada.** A ninety day corn, used principally for replanting where the other varieties fail to come up, and then maturing at the same time with the common field varieties; good for northern latitudes. Qt. 15 cts., peck 50 cts., bu. \$1.75.

**Leaming Gourd Seed.** One of the best early and most productive varieties, having very deep grains and hardly any cob. A reliable sort and one that should be planted largely. Qt. 15 cts., peck 50 cts., bu. \$1.50.

**Early Bristol (100 day).** A splendid new variety, the earliest of the large yellow dent varieties, grain golden yellow, large, broad and deep. It grows to an enormous size and yields more corn and fodder than other varieties. Qt. 15 cts., peck 50 cts., bu. \$1.75.

**Golden Beauty.** Very large handsome yellow grains. The ears are filled out to the extreme end; the cob is unusually small; it matures early, and its yield is enormous. Qt. 15 cts., peck 50 cts., bu. \$1.50.

**Improved Golden Dent.** An improvement on the Golden Beauty, very large ears, yielding at the rate of fifty bushels to the acre. Qt. 15 cts., peck 50 cts., bu. \$1.75.

**Early Mastodon Dent.** A very early strong growing corn, with exceedingly large ears and grain. Can be recommended as the best of its class. Qt. 15 cts., peck 50 cts., bu. \$1.50.

**Cloud's Yellow Dent.** Strong and vigorous, growing from 6 to 8 feet high, producing large, handsome ears, with unusually deep grains. Qt. 15 cts., pk. 50 cts., bu. \$1.50.

### WHITE CORN.

**Large White Flint.** The old Hominy eight-rowed variety; early, productive and of good quality. Qt. 15 cts., peck 50 cts., bu. \$1.75.

**Tuscarora.** Known as "Flour Corn," by reason of the snow-white character of the interior of the grain; also a good sugar corn. Pkt. 5 cts., qt. 15 cts., pk. 60 cts., bu. \$2.00.

**Hickory King.** A distinct White Dent Field Corn. The stalks are strong, and bear two and occasionally three ears; the cob is remarkably small. It is very productive and of good quality. Qt. 15 cts., peck 60 cts., bu. \$2.00.

### ENSILAGE CORN.

**Red Cob Ensilage.** A pure white corn growing on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce 25 to 30 tons per acre. Sow  $1\frac{1}{4}$  to  $1\frac{1}{2}$  bushels per acre. Qt. 15 cts., peck 40 cts., bu. \$1.25.

**Blount's Prolific White.** This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Qt. 15 cts., peck 50 cts., bu. \$1.75.

**Southern Fodder.** Another white variety that every Silo owner or dairy farmer should not overlook. It grows 12 to 16 feet high, has broad foliage and tender stalks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. It will yield 30 to 40 tons per acre. Sow  $1\frac{1}{4}$  to  $1\frac{1}{2}$  bu. per acre. Qt. 15 cts., peck 40 cts., bu. \$1.25.

**Sweet Fodder Corn.** (For soiling or ensilage.) Profitable as green fodder, cut when green to feed cattle. Sow broadcast 2 bushels, and drills 3 feet apart 1 bushel, per acre. Peck 50 cts., bu. \$1.75.

### POP CORN.

Cultural directions same as for Sugar Corn. We offer Pop Corn on the ear only.

**White Rice.** A very early fine white variety. Lb. 8 cts., 10 lbs. 60 cts.

**White Pearl.** One of the best for parching, smooth grained ears. Lb. 6 cts., 10 lbs. 50 cts.

### SORGHUM.

**Early Amber Sugar Cane.** The earliest and most productive variety. Height 10 to 12 feet. Its saccharine matter is of first quality, fine and rich. Sow 4 qts. in drills and 8 qts. broadcast to the acre. Lb. 15 cts., 100 lbs. \$6.00.

**Kafir Corn.** One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make excellent food for poultry either fed in the grain or ground and cooked. Lb. 15 cts., 100 lbs. \$8.00.

**Rural Branching Dhoura (White Mello Maize).** A valuable forage plant. It produces a large quantity of foliage, as it branches from the joints, and will thrive even when corn is suffering from drought. Lb. 15 cts., 100 lbs. \$8.00.

**Sorghum Halepense (Johnson Grass).** One of the most valuable southern fodder plants, a rapid growing perennial, perfectly hardy in New Jersey. On rich soils it may be cut three or four times in season. The best results are obtained by sowing the seed in August or September at the rate of 25 to 35 lbs. to the acre. Per lb. 15 cts.; per 100 lbs. \$12.00.

### NEW FORAGE PLANTS THAT FLOURISH IN POOR AND DRY SOILS WHERE OTHER GRASSES PERISH.

#### LATHYRUS SILVESTRIS.

(Flat Pea.)

This wonderful forage plant has created a sensation in agricultural circles in Europe, where its value is now generally known and recognized. It resists continued drouth and thrives well on the poorest sandy and stony soils. It is more nutritious than the best clover, and when once established will continue to yield for years abundant harvests of excellent quality. Per pkt., 10 cts.; oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

#### SACALINE.

(Polygonum Sachalinense.)

Another remarkable forage plant, said to endure the severest drought with impunity and to luxuriate in the poorest soils, producing enormous crops. Valuable as a soil enricher. Seed per pkt. 15 cts.; plants 25 cts. each, 3 for 60 cts., 6 for \$1.00.

Farm Seeds are sent by express or freight at purchaser's expense except where noted. If wanted by mail add 8 cts. per pound and 15 cts. per quart for postage.





## OATS.

Thirty-two pounds to the bushel.

**The American Beauty.** This excellent and popular variety is characterized by great vigor of growth, earliness and remarkable cropping qualities. The grain is large, long and tapering; straw erect and stout. Peck 40 cts., bu. \$1.25.

**White Maine.** This fine variety is grown with much favor by the farmers in Western New York, where it yields with ordinary cultivation from 70 to 90 bushels per acre. Peck 40 cts., bu. \$1.25, 10 bu. lots at \$1.00 per bu.

**Clydesdale.** An early and productive variety. Per peck 40 cts., bu. \$1.25, 10 bu. at \$1.00 per bu.

**American Banner.** A valuable variety; ripens early; grain white, large and plump; very productive and heavy; has a stiff straw of good length. Peck 40 cts., bu. \$1.00.

**Mammoth Cluster.** This new Black or Bronze Oat originated in New York State, where it has been carefully tested by some of the leading farmers with most satisfactory results. In growth it is a side oat, short, stiff straw, ripening very early. Peck 50 cts., bu. \$1.50.

## BARLEY.

**Manshurey.** The most productive six-rowed variety. It ripens early, with strong, stiff straw. Peck 50 cts., bu. \$1.50.

## SPRING WHEAT.

**Saskatchewan Fife.** This is known as the most desirable variety of Spring wheat in cultivation. It is unequalled for productiveness, earliness and vigor. Peck 50 cts., bu. \$1.50.

## SPRING RYE.

Used as a catch crop to sow where winter grain has failed. Straw stiffer and shorter than the Winter Rye; grain of equal value. Sow 1½ bushels to the acre. Peck 50 cts., bu. \$1.50.

## BUCKWHEAT.

**Japanese.** This superior variety is earlier and more prolific and yields double the weight per acre of other sorts, while it yields a flour of equal quality. Sow about the middle of June broadcast from 2 to 3 pecks per acre. Peck 40 cts., bu. (48 lbs.) \$1.20.

# MISCELLANEOUS SEEDS.

## FIELD PEAS.

**Southern Black-Eye Cow.** Also known as Sand Pea, a small white variety with black eye. Sow 2 bushels to the acre. Qt. 15 cts., peck 75 cts., bu. \$2.50.

**Canada Field Peas.** Valuable for Northern climates for cattle-feeding. Used as feed for pigeons, etc., and for green soiling. Qt. 10 cts., peck 50 cts., bu. \$1.75, 10 bu. \$1.50 per bu.

**Broom Corn (*Improved Evergreen*).** This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Lb. 10 cts., 100 lbs. \$6.00.

**Teosinte (*Reana Luxurians*).** This gigantic fodder plant somewhat resembles Indian corn. It produces a great number of shoots, growing 12 feet high, thickly covered with leaves, and yielding an abundance of forage. As a soiling or fodder plant in the South it surpasses either corn or sorghum, and in the extreme South is a perennial. The leaves are long and broad, and the stalks full of sweet sap. Per oz. 15 cts., lb. \$1.25.

**Wild Rice (*Zizania Aquatica*).** The *Zizania* is valuable as a forage plant on inundated lands and along the shores of marshes. As an attraction for wild fowl it is invaluable. In fish ponds and lakes it purifies the water and affords a refuge for the small fry from the large fish and also furnishes them with food from the animalculæ upon its stalks. The seed should be sown in the fall in six inches to six feet of water having a soft mud bottom and where there are but few weeds. Per lb. 80 cts., 100 lbs. \$18.00.

**Tares, or Spring Vetches.** A good forage plant, also used for plowing under; sow one bushel to the acre. Lb. 10 cts., 100 lbs. \$6.00.

**Rape, English (*Dwarf Essex*).** Extensively grown in Europe and Canada for forage, especially for sheep and for green manure. Lb. 10 cts., 100 lbs. \$8.00.

**Sunflower, Mammoth Russian.** This may be grown to great advantage by planting in waste pieces of ground, from early spring to the latter part of July, as it is an excellent and cheap food for fowls. As an egg-producing food it is unsurpassed. Its leaves make very good fodder, and its strong, thick stalks are valuable for fuel. Lb. 10 cts., 100 lbs. \$6.00.

**Flax.** When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Peck 75 cts., bu. \$2.50.

**Osage Orange (*Maclura aurantiaca*).** Sprout the seed before sowing, then sow in rows, and when one year old transplant, 6 inches apart, alternating the plants in double rows, cutting the plants down to the height of 6 inches. Manure well and plow deep before planting. Per lb. 40 cts., bu. of 33 lbs., \$9.00.

**Osage Orange Plants.** Strong, 2 years old. \$1.00 per 100, \$5.00 per 1,000. Selected, \$7.50 per 1,000.

**Eucalyptus Globulus, Australian Fever Gum Tree.** Extensively planted in the South and California, for destroying malaria. Oz. 50 cts., ¼ lb. \$1.50, lb. \$5.00.

**Pear Seed.** Oz. 20 cts., ¼ lb. 60 cts., lb. \$1.75.

## BIRD SEEDS.

(Prices variable.)

**Canary.** Lb. 10 cts., 100 lbs. \$5.50.

**Hemp.** Lb. 10 cts., 100 lbs. \$5.00.

**Lettuce.** Oz. 10 cts., lbs. 40 cts.

**Maw.** Lb. 15 cts., 100 lb. \$14.00.

**German Millet.** Lb. 10 cts., 100 lbs. \$3.50.

**German Rape.** Lb. 10 cts., 100 lbs. \$6.00.

**Vetches for Pigeons.** Lb. 10 cts., 100 lbs. \$6.00.

**Mixed Bird Seed.** Lb. 10 cts., 100 lbs. \$6.00.

**Unhulled Rice.** Qt. 20 cts., bu. \$3.00.



# .. DREER'S .. GRASS SEED MIXTURES.



## DREER'S FAIRMOUNT PARK LAWN MIXTURE

Is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses, turn brown under our hot midsummer sun, and remain in that condition until the cool months of autumn revive them. The mixture we offer has stood the test of years, and our rapidly increasing sales prove conclusively that its merits are widely known by those who recognize the inalienable law of cause and effect, and who realize that, in order to produce permanent results, first quality goods only must be used. In no branch is it more true than in that of seeds. The temptation is strong to include in mixtures the "cheap and impure," but in Dreer's Fairmount Park Lawn Mixture one grade—and that the highest—is rigidly adhered to. Many of the finest private grounds around Philadelphia are sown with our grasses only. For Railroad Embankments, Terraces, etc., Dreer's Fairmount Park Lawn Mixture is admirably adapted, as it speedily forms a thick turf that will effectually prevent "washing." Sow 3 to 4 bushels per acre—one quart is sufficient for a plot 20 by 15 feet, or 300 square feet. 20 cts. per qt. (25 cts. postpaid), \$4.00 per bushel of 20 lbs. (\$3.00 per bushel of 15 lbs.).

## DREER'S EVERGREEN LAWN MIXTURE.

For permanence, for beauty under all circumstances, and for value, we are confident Dreer's Evergreen Lawn Mixture will meet all requirements. Many of the European grasses have been neglected because of their high price, but their value for lawn purposes in this country has been demonstrated so clearly that their use will be rapidly extended. By a judicious use of some of the Fescues and other foreign grasses with the standard lawn grasses of America we are enabled to offer to our customers a mixture which for all good staying qualities is unsurpassed. Modern lawns demand grasses that are able to stand the wear and tear consequent to their use for Lawn Tennis, Croquet, etc.

Many of our native grasses grow luxuriantly during early spring and late fall, but are valueless during the dry midsummer months; special attention has been given in this mixture to incorporate only such varieties as are able to withstand prolonged drought, and present at all times a green and healthy sward.

25 cts. per quart (30 cts. postpaid), \$4.50 per bushel of 20 lbs. (\$3.50 per bushel of 15 lbs.).

*We are the introducers of the above brands of Grass Seeds. Our mixtures are superior to others offered at a lower price.*

## Dreer's Pasture Mixture.

Finest mixture of Grass Seed and Clover for hay and permanent pasture. Adapted to different soils. Sow 3 to 4 bushels per acre. 20 cts. per qt. (25 cts. postpaid), \$3.50 per bushel of 20 lbs. (\$2.75 per bushel of 15 lbs.).

Our Lawn Circular, giving full and explicit instructions on the management of Lawns, sent free on application.



# Grass Seeds for Lawn and Field.

We make a specialty of Grass Seeds, and send out only the most useful varieties which are adapted to this country. All that we offer have been re-cleaned and will meet the views of the most critical trade. Owing to the varying bulk of Grass Seeds from season to season (owing to climatic conditions which cannot be controlled), they are always put up by us by weight and not by measure, thereby securing to our customers the amount they pay for, as prices are based on weight and not on bulk.

Our prices are as low as the quality of seed we offer can be sold at, and should not be compared with low prices quoted for inferior grades. We shall always be pleased to mail samples for comparison.



RED-TOP, OR HERD-GRASS.

**Herd, or Red-Top Grass** (*Agrostis Vulgaris*). Valuable either for meadows, pastures or lawns, growing in almost any soil. Lb. 12 cts., per sack of 50 lbs. \$4.50, 100 lbs. \$9.00.

**Herd, or Red-Top.** Extra re-cleaned seed (32 lbs. to bu.), lb. 20 cts., 100 lbs. \$18.00.

**Fancy Cleaned Kentucky Blue Grass** (*Poa pratensis*). Also known as June grass. It is one of the most valuable sorts for lawn purposes and as a pasture grass is indispensable. Lb. 18 cts., 100 lbs. \$14.00, bu. (14 lbs.) \$2.00.

**Wood Meadow Grass** (*Poa Nemoralis*). Particularly adapted for pleasure grounds and lawns; will grow under trees, where few other grasses can exist. 30 lbs. to the acre. Lb. 40 cts., 100 lbs. \$35.00.

**Rough-Stalked Meadow Grass** (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils. 30 lbs. to the acre. Lb. 45 cts., 100 lbs. \$40.00.

**Sheep's Fescue** (*Festuca Ovina*). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. 40 lbs. to the acre. Lb. 25 cts., 100 lbs. \$20.00.

**Hard Fescue** (*Festuca duriuscula*). Thrives well in dry situations where many other grasses would fail; 30 lbs. to the acre. Lb. 25 cts., 100 lbs. \$20.00, bu. (12 lbs.) \$2.50.

**Crested Dogtail** (*Cynosurus cristatus*). An excellent grass for hard, dry soils, valuable for pastures and lawns. 25 lbs. to the acre. Lb. 60 cts.

**Meadow Fescue** (*Festuca pratensis*). English Blue Grass; an excellent grass for permanent pasture or hay, the foliage being highly nutritious. Lb. 25 cts., 100 lbs. \$20.00.

**Fine-Leaved Fescue** (*Festuca tenuifolia*). Thrives well on dry and sterile soils; is well suited for lawns, etc. 30 lbs. to the acre. Lb. 40 cts., 100 lbs. \$35.00.

**Bromus Inermis** (*Awnless Brome Grass*). A valuable grass for light, dry soils, will stand long droughts and produce heavy crops where other grasses would fail. 35 to 40 lbs. to the acre. Lb. 30 cts., 100 lbs. \$25.00, bu. (14 lbs.) \$3.50.

**English Rye Grass, Perennial Rye** (*Lolium Perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawns; does well on sloping banks, as its roots are fibrous and mat-like. Lb. 10 cts., 100 lbs. \$9.00, bu. (24 lbs.) \$2.25.

**Italian Rye Grass** (*Lolium Italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops. 50 lbs. to the acre. Lb. 15 cts., 100 lbs. \$12.00.

**Perennial Sweet Vernal** (*Anthoxanthum Odoratum*). Useful to mix with other grasses on account of its early growth and agreeable odor. Lb. 75 cts.

**Meadow Foxtail** (*Alopecurus Pratensis*). One of the best and earliest of pasture grasses. Thrives best in moist localities, and bears close cropping. 30 lbs. to the acre. Lb. 25 cts., 100 lbs. \$20.00.

**Orchard Grass** (*Dactylis Glomerata*). One of the most desirable grasses for pastures, sowing under orchards or in shady places. It grows rapidly, thrives in sandy land, and does not suffer from close feeding. Choice Western seed. Lb. 25 cts., 100 lbs. \$20.00, bu. (14 lbs.) \$2.75.

**Tall Meadow Oat Grass** (*Avena Elatior*). A valuable grass for soiling or permanent pasture, of early and luxuriant growth; also makes splendid hay. 50 lbs. to the acre. Lb. 25 cts., 100 lbs. \$20.00.

**Timothy Choice.** Lb. 10 cts., 100 lbs. \$8.00, bu. (45 lbs.) \$3.25.

**—Prime.** Lb. 10 cts., 100 lbs. \$7.00, bu. (45 lbs.) \$3.15 (subject to market changes).



ORCHARD GRASS.





ALSIKE CLOVER.

## CLOVER SEEDS.

(Prices subject to market changes.)

**Alsike, or Swedish** (*Trifolium Hybridum*). Hardest of all the clovers and on rich moist soils yields an enormous quantity of hay or pasturage. Valuable for sowing with other clovers or grasses as it forms a thick bottom and increases the yield of hay. Sow six pounds per acre when used alone. Lb. 20 cts., 100 lbs. \$18.00.

**Alfalfa, or Lucerne** (*Medicago Sativa*). One of the best varieties, succeeding in almost every situation, and bearing heavy crops of forage; will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots down fully three feet into the earth. Sow early in spring to secure a good stand before winter if to be used for pasturage or for curing. Lb. 20 cts., 100 lbs. \$15.00.

**Red Clover, Medium** (*Trifolium Pratense*). The leading variety of clover for pastures or meadows. The seed we offer is re-cleaned and free from weeds. Lb. 15 cts., 100 lbs. \$13.00 (subject to market changes).

**Mammoth Red Clover** (*Cow Grass or Pea Vine Clover*). For plowing under as green manure. Lb. 16 cts., 100 lbs. \$14.00.



WHITE DUTCH CLOVER.

**White Dutch Clover** (*Trifolium Repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; it also affords excellent food for bees. We offer highest grades of seed only. Lb. 30 cts., 100 lbs. \$25.00.

**Scarlet, or Crimson Clover** (*Trifolium Incarnatum*). An annual variety, largely used in the South for feeding green and for hay. The yield in fodder is immense, and after cutting it at once commences growing again and continues until cut by frost. Sow in April or May; 10 pounds to the acre. Lb. 15 cts., 100 lbs. \$10.00.

**Yellow Trefoil** (*Medicago lupulina*). This may be cultivated either alone or with other grasses. Requires about same treatment as Red Clover; 15 lbs. to the acre. Lb. 25 cts., 100 lbs. \$16.00.

**Sainfoin, Esparsette, or Holy Clover** (*Hedysarum Onobrychis*). A valuable clover for the Middle and Southern States. In some sections it is considered indispensable, as it increases the flow of milk. The seeds are more nutritious than oats, and are readily eaten by fowls. Requires a calcareous soil. 100 lbs. to the acre. Lb. 15 cts., 100 lbs. \$10.00.

**Bokhara Clover** (*Melilotus Alba*). A rapid growing white-flowered sort, excellent for bee food, for which purpose it should be largely grown. Lb. 40 cts., 100 lbs. \$35.00.

**Japan Clover** (*Lespedeza Striata*). A low-branching clover that does well in the South. It thrives on poor land and produces continual herbage. Not adapted to Northern latitudes, as it is only half-hardy. Lb. 35 cts., 100 lbs. \$30.00.



CRIMSON CLOVER.

## MILLET.

**German, or Golden Millet**. A valuable annual hay and fodder crop, more productive and coarser than the Hungarian grass, medium early, 4 to 5 feet high. Sow one bushel to the acre. Lb. 10 cts., 100 lbs. \$3.50, bu. (50 lbs.) \$1.75.

**Hungarian Millet** (*Panicum Germanicum*). An annual forage plant, early and productive, growing 2 to 3 feet high with an abundance of foliage, often yielding two or three tons per acre. Sow one bushel to the acre. Lb. 10 cts., 100 lbs. \$3.50, bu. (48 lbs.) \$1.70.

**Egyptian, or East India Pearl Millet** (*Penicillaria Spicata*). Grows from 8 to 10 feet high. When cultivated for fodder sow in drills 3 feet apart and thin out in rows to 1 foot apart; sow 3 to 5 lbs. per acre. Lb. 20 cts., 100 lbs. \$12.00.



# Dreer's

## RELIABLE FLOWER SEEDS.

Our List has again been carefully revised and all inferior varieties discarded. For the convenience of our customers and to facilitate the filling of orders, we use a system of numbering. In ordering it is only necessary to give the number of packets wanted and the corresponding number in the Catalogue, viz.:—1 Pkt. 5010, 25; 3 Pkts. 5031, 15; means one packet Abutilon, mixed, 25 cts.; 3 packets Adonis Aestivalis, 15 cts.

We offer the following inducements to purchasers of Flower and Vegetable Seeds in packets when cash accompanies the order: For remittance of \$1.00 select Seeds in packets to value of \$1.20; \$2.00, \$2.40; \$3.00, \$3.75; \$4.00, \$5.00; \$5.00, \$6.25.

## Dreer's Pictorial Collections of Annual Flower Seeds.

These very attractive collections are composed of the best known and most popular annual flower seeds, that will produce in succession a fine display of flowers during the summer months. The packets are beautifully illustrated with a chromo-lithographed portrait of the flower as true to nature as it can be made. Cultural directions in English, German and French accompany each packet.



### COLLECTIONS.

NO.		
1.-12	Choice Annuals,	.50
2.-18	" "	.75
3.-24	" "	\$1.00
4.-30	" "	1.25
5.-6	Asters, 6 varieties,	.50
6.-12	" 12 "	1.00
7.-6	Pansy, 6 "	.50
8.-12	" 12 "	1.00

### ABRONIA.

Pretty trailing plants, producing clusters of sweet scented, Verbena-like flowers, especially fragrant towards evening, lasting in bloom a long time; effective in beds, rock-work, or hanging-baskets; peel off the husk before sowing the seed. Half-hardy annuals; height, 12 inches.

PER PKT.

5003 **Abronia Arenaria.** A beautiful yellow variety..10  
5006 — **Umbellata.** Rosy lilac, with a white eye..... 5

### ABUTILON.

(Chinese Bell-Flower.)

Greenhouse shrubs of strong growth and easy cultivation, free-flowering, with various-colored, beautiful drooping bell-shaped flowers. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season.

5010 **Abutilon, Fine Mixed.** Of choice varieties and colors; 2 to 4 feet.....25

### ACROCLINIUM.

Elegant border plants with beautiful pink and white flowers. Half-hardy annuals; 1 foot.

5030 **Acroclinium. Fine Mixed.** ..... 5



ABRONIA UMBELLATA.



ACROCLINIUM.

### ACANTHUS.

A stately and beautiful ornamental plant. From the leaf of "Acanthus Mollis," the capital of the Corinthian column is derived. Grows freely in any rich, loamy soil.

PER PKT.

5015 **Acanthus, Mixed.** Hardy perennials; 3 feet.. 10

### ACACIA.

Elegant greenhouse shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing.

5013 **Acacia, Mixed.** Fine varieties; 6 to 10 feet.... 10

### ACHIMENES.

5001 Elegant and free flowering tuberous rooted greenhouse plants, combining great beauty with richness and brilliancy of color. Choice varieties, mixed. ....50

### ACHILLEA PTARMICA PLENA.

5019 A very free-blooming plant, of branching habit. Useful for cut-flowers or for planting in cemeteries. Pure white double. Hardy perennial; 18 inches.....15



ACANTHUS.



ACHIMENES.

A very material reduction has been made this year in prices of Flower Seeds.





AGERATUM, COPE'S PET.

**ACONITUM.**

(Monk's Hood, or Wolfsbane.)

A hardy perennial, growing in any good garden soil, producing curiously shaped flowers in abundance.

- 5017 **Aconitum Napellus.** Blue and white; 3 feet 5

**ADLUMIA CIRRHOSA.**

(Mountain Fringe, or Allegheny Vine.)

- 5033 An attractive and beautiful hardy biennial, flowering the first season, clusters of small rosy-lilac flowers and pale green feathery foliage; 15 feet. . . . . 10

**ADONIS.**

- 5031 **Flos Adonis.** Also known as Pheasant's Eye. Showy hardy annuals of easy culture, with pretty fine-cut foliage, and lasting a long time in bloom; dark crimson flowers, with a lighter centre; 1 foot. . . . . 5

**AGERATUM.**

Valuable plants for large beds or borders, and very useful where cut-flowers are in demand; in bloom the whole summer; also good for winter blooming; half-hardy annuals.

- 5045 **Ageratum Conspicuum.** White; 2 feet. . . . . 5  
 5041 — **Mexicanum.** Blue; 2 feet. . . . . 5  
 5042 — **Imperialis.** Dwarf, blue; 8 inches. . . . . 5  
 5043 — **Imperialis.** Dwarf, white; 8 inches. . . . . 5  
 5044 — **Lasseauxi.** Rose; 15 inches. . . . . 5  
 5046 — **Cope's Pet.** Lovely azure-blue; 8 inches. . . . . 10

**AGROSTEMMA.**

(Rose of Heaven.)

An attractive free-flowering hardy perennial of easy culture, producing flowers on long slender stems like a single pink; blooms the first season. Fine for cutting; 1 to 2 feet.

- 5050 **Agrostemma, Mixed Varieties.** . . . . . 5

**ALLAMANDA.**

Stove evergreen climbers, bearing profusely splendid large flowers in clusters; winter and spring blooming.

- 5063 **Allamanda Schottii.** Golden yellow. . . . . 25



ADONIS.



AMARANTHUS CAUDATUS.



ALYSSUM, LITTLE GEM.

**ALYSSUM.**

Free-flowering, pretty little plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

- 5082 **Alyssum, Sweet** (*A. Benthami Maritimum*). Flowers in white clusters; 6 inches. Per oz. 30 cts. . . 5  
 5086 — **Benthami Compactum** (*Tom Thumb*). Of true dwarf compact growth; excellent for borders; white. Per oz. 40 cts. . . . . 5  
 5087 — **Little Gem.** Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring till late in autumn. Per oz. 60 cts. . . . . 5  
 5084 — **Saxatile Compactum.** Showy golden-yellow flowers; hardy perennial, blooms the first season; 1 foot. . . . . 5

**AMARYLLIS.**

Bulbous-rooted plants, producing from 2 to 4 of the richest-colored crimson scarlet, and white-striped, lily-like flowers.

- 5110 **Amaryllis Hybrida, Mixed.** 1½ feet. . . . . 25

**AMARANTHUS.**

Showy blooming plants, with long racemes of curious-looking flowers, and brilliant foliage; half-hardy annuals.

- 5092 **Amaranthus Cruentus** (*Prince's Feather*). Erect flowering, bright scarlet. . . . . 5  
 5091 — **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping; 3 feet. . . . . 5  
 5094 — **Gordonii, or Sunrise.** Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of the stalk, the lower leaves having a scarlet band through the centre; 3 feet. . . . . 5  
 5095 — **Henderi.** Of graceful pyramidal growth and long-drooping leaves, of brown, madder and bronze; 4 feet. . . . . 5  
 5096 — **Melancholicus Ruber.** Dwarf, compact habit, blood-red foliage; 2 feet. . . . . 5  
 5097 — **Salicifolius** (*Fountain Plant*). Of pyramidal, drooping habit, branching close to the ground. . . . . 5  
 5098 — **Tricolor** (*Joseph's Coat*). Leaves red, yellow and green; 3 feet. Per oz. 30 cts. . . . . 5  
 5093 — **Tricolor splendens.** An improvement on the old Joseph's Coat, of more brilliant coloring, a very beautiful ornamental plant. . . . . 5

**AMPELOPSIS.**

(Miniature Virginia Creeper, or Japanese Ivy.)

A hardy perennial species of Woodbine from Japan; with olive-green leaves, which turn to scarlet in the autumn. Will adhere to brick or stone walls.

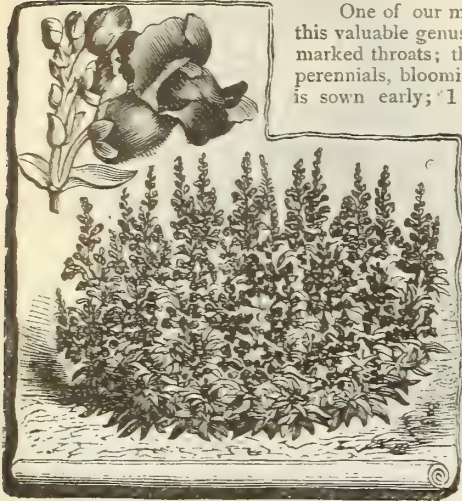
- 5101 **Ampelopsis Veitchi.** Per oz. 25 cts. . . . . 5



**ANTIRRHINUM.**

(Snap Dragon.)

One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely-shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil and are very effective in beds. Hardy perennials, blooming the first year if the seed is sown early; 1 to 2 feet.



ANTIRRHINUM, TOM THUMB.

- PER PKT.
- 5136 **Antirrhinum Fire Fly.** Scarlet ..... 5
- 5137 — **Picturatum.** Striped and blotched ..... 5
- 5138 — **Tom Thumb, Yellow** ..... 5
- 5140 — **Tom Thumb, Mixed.** Finest dwarf ..... 5
- 5141 — **Tall, Mixed.** Oz. 40 cts. .... 5
- 5129 — **Imported Collections,** 10 Dwarf varieties. .... 50
- 5139 — **Imported Collections,** 10 Tall varieties. .... 50



ANEMONE CORONARIA.

**ANEMONE.**

(Windflower.)

A very pleasing hardy perennial; easily grown from seed, producing large flowers, early in the spring, when few plants can compare with them in beauty and brilliancy; fine for bouquets; 1 ft.

PER PKT.

- 5130 **Anemone Coronaria, Mixed Colors** ..... 10
- 5125 — **Fulgens.** Scarlet ..... 10
- 5126 — **The Bride.** Pure white. 10

**ANGELONIA.**

A beautiful greenhouse shrubby plant; spikes of dark purplish-brown flowers, with a white eye. If sown early will flower the first season, and can be treated as a tender annual.

- 5132 **Angelonia Grandiflora.** Very fragrant. .... 15

**ANTHEMIS.**

- 5133 **Anthemis Arabica.** A free flowering golden yellow; constantly in bloom. .... 5

**ANCHUSA CAPENSIS.**

- 5123 Excellent free flowering hardy perennial, with panicles of azure blue flowers, fine for bouquets; lasting long in bloom. .... 10

**AQUILEGIA.**

(Columbine.)

This plant blooms freely early in the spring and summer and produces beautiful, curiously-formed and variously colored flowers; hardy perennials.

- PER PKT.
- 5143 **Aquilegia Chrysantha** (*Golden-Spurred*). Bright golden yellow; 3 feet. .... 5
- 5146 — **Chrysantha Alba** (*White-Spurred*). A beautiful new pure white variety. .... 10
- 5144 — **Cœrulea.** Violet-blue and white; 2 feet. .... 10
- 5151 — **Glandulosa.** Lovely shade of light blue and pure white; 2 feet. .... 15
- 5145 — **Olympica.** Rich blue, with white lip; 2 feet. .... 5
- 5152 — **Skinneri.** Scarlet and yellow; 18 inches. .... 10
- 5160 — **Single,** all colors mixed; 2 feet. Per oz., 30 cts. .... 5
- 5150 — **Double,** all colors mixed; 18 inches. Per oz. 40 cts. .... 5



AQUILEGIA CHRYSANTHA ALBA.

**ARABIS.**

The earliest, prettiest spring flower. The spreading tufts are densely clothed with neat, bright green leaves and covered with pure white flowers as soon as the snow disappears. Conspicuous on rockeries or broad edgings for park roads, withstands the drought of summer, and is always neat.

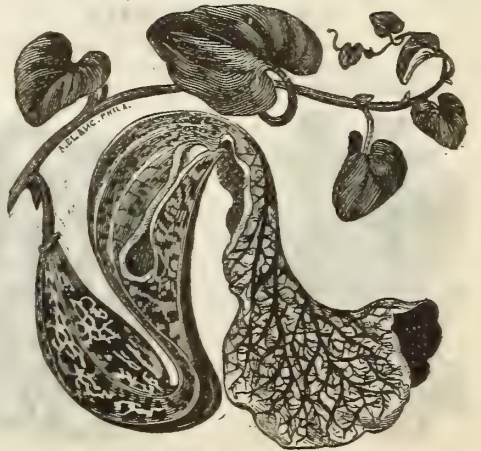
- 5157 **Arabis alpina.** 6 inches. .... 5

**ARMERIA (Thrift).**

- 5164 **Armeria Formosa.** A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy perennial. .... 10

**ARISTOLOCHIA.**

- 5163 **Aristolochia Sipho** (*Dutchman's Pipe*). A rapid-growing climber; large heart-shaped foliage, and very curious flowers, resembling a pipe; hardy perennial; 30 feet. Brownish purple. .... 10
- 5162 — **Elegans.** One of the best of this class of climbing plants. Of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the open ground in the greatest profusion, even on small plants, and are entirely free from any objectionable odor. .... 10



ARISTOLOCHIA.





TRUFFAUT'S PERFECTION.



IMPROVED VICTORIA.

## DREER'S SUPERB ASTERS.

Of the general beauty of these flowers it is unnecessary to speak; the immense world-wide demand for them shows their adaptability for any climate; and coming into bloom, as they do, when most other flowers are fading away, enhances their value. The ground for the cultivation of Asters cannot be too richly prepared, and the plants should never be allowed to receive a check, but should continue to grow on uninterruptedly to produce fine flowers. Half-hardy annuals.

### TRUFFAUT'S PERFECTION ASTERS.

#### Improved Pæony-Flowered.

One of the most perfect; very double, large, and finely shaped, the petals beautifully incurved. 1½ ft.

	PER PKT.
5194 Pink.....	10
5214 Glowing Crimson.....	10
5231 Purple Violet.....	10
5197 Light Blue.....	10
5193 Pure White.....	10
5190 Finest Mixed.....	10

### IMPROVED VICTORIA ASTERS.

A magnificent strain. The flowers are large, beautifully imbricated and perfect in form. 1½ ft.

5204 Pink.....	10
5207 Scarlet.....	10
5208 Purple.....	10
5203 White.....	10
5205 Finest Mixed.....	10

### COMET ASTERS.

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half-globe, resembling the Japanese Chrysanthemum.

5172 Pink, Margined White.....	10
5201 Deep Pink.....	10
5202 Light Blue.....	10
5215 New Carmine.....	10
5216 Pure White.....	10
5221 Peach Blossom.....	10
5218 Finest Mixed.....	10

### DWARF PÆONY PERFECTION ASTERS.

The elegant Pæony-formed flowers of this variety are faultless in shape. Admirable for the garden or pot culture; 9 inches.

5192 Brilliant Scarlet.....	10
5206 Crimson Ball.....	10

### DWARF CHRYSANTHEMUM- FLOWERED ASTERS.

The largest flowering of the dwarf asters; very double. 1 ft.

	PER PKT.
5182 Fiery Scarlet.....	10
5175 Snow White.....	10
5174 Finest Mixed.....	10

### JEWEL, OR BALL-SHAPED ASTER.

A new and beautiful class of Asters, obtained from the well-known Pæony Perfection race; similar but somewhat dwarfer in habit than the latter, and with shorter petals; perfectly round flowers; 20 inches.

5212 Apple Blossom.....	10
5213 Deep Pink.....	10



WHITE COMET ASTER.









ASPARAGUS VERTICILLATUS.

**ASPARAGUS VERTICILLATUS.**

- 5169 A graceful hardy perennial climber with feathery foliage and scarlet berries. .... 10

**ASPERULA ODORATA.**

- 5166 Sweet Woodruff. Chief ingredient in the "Mal-trank," or May wine of the Germans. The dried flowers and leaves have a delicious perfume, and impart an agreeable odor when kept among clothes, etc. .... 5

**AURICULA.**

A well-known favorite of great beauty; seed saved from splendid choice varieties; half-hardy perennial; 6 inches.

- 5240 Auricula, Mixed. .... 15

**AZALEA INDICA.**

- 5250 Beautiful shrubby plants, covered with a mass of bloom, growing best in a mixture of rich, fibrous peat and sand; saved from a collection of showy, various-colored flowers; 3 feet. .... 25

**ARALIA SIEBOLDI.**

- 5161 A beautiful decorative greenhouse plant, with large, ornamental leaves; very useful as a house plant. New seed ready in April. .... 15

**BAPTISIA.**

A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long.

- 5274 Baptisia Australis. Bright blue; 2½ feet. .... 5



DOUBLE CAMELLIA-FLOWERED BALSAM.

**BALSAM.**

(Lady's Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil; tender annuals; 2 feet.

- |  | PER PKT.   |
|--|------------|
| 5254 Balsam, Double Scarlet ( <i>King</i> )                              | 10         |
| 5263 " " Pink ( <i>Maiden's Blush</i> )                                  | 10         |
| 5256 " " Solferino. Striped and spotted                                  | 10         |
| 5257 Balsam, Double White. Per oz.                                       | \$1.00. 5  |
| 5258 " " Perfection. Very double, immense, solid, round flowers. Per oz. | \$1.50. 10 |
| 5260 Balsam, Double Camellia-Flowered. Finest mixed. Per oz.             | \$1.00. 10 |
| 5270 Balsam, Double Mixed. Occasionally semi-double. Per oz.             | 50 cts. 5  |
| 5289 Balsam, Double. Collection of 6 colors                              | 50         |
| 5279 Balsam, Double. Collection of 12 colors                             | \$1.00     |



NEW RED BALSAM APPLE.

**BALSAM APPLE (*Momordica*).**

Very curious climbing vines, with ornamental foliage, fruit golden yellow, warty, and when ripe opens, showing the seeds and its brilliant carmine interior; fine for trellises, rock-work, stumps, etc.; half-hardy annual; 10 feet.

- 6116 *Momordica Balsamina* (*Balsam Apple*). Apple-shaped fruit. Per oz. 50 cts. .... 5
- 6117 — *Charautia*. Pear-shaped fruit. Per oz. 50 cts. 5
- 6119 — *Involucrata* (*New Red Balsam Apple*). A beautiful new variety with bright green deeply cut foliage, flowers creamy white, dotted with black; followed by sulphur yellow fruits, changing to scarlet, which burst when ripe, showing the blood-red seeds. .... 20

**BALLOON VINE.**

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white; half-hardy annual; 5 feet.

- 5272 Balloon Vine (*Cardiospermum*). Per oz. 20 cts. 5





SINGLE TUBEROUS-ROOTED BEGONIA.

## BEGONIA.

Plants of great value for summer decoration or window gardening. To secure the best results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming sow from August to October. Tubers must be kept from frost in dry sand.

- |   |  |    |
|---|--|----|
| 5290 Begonia, Single Tuberous-Rooted.   | PER PKT. Inter-national Prize. Finest Mixed..... | 15 |
| 5280 — Double Tuberous-Rooted.  | Finest Mixed.....                                | 25 |
| 5281 — Collection of 6 single tuberous rooted.....  |  | 75 |
| 5300 — Rex Hybrida. Beautiful varieties of the Rex class, with handsome variegated foliage; choice mixed; 6 inches..... |  | 25 |

See page 80 for bulbs of tuberous-rooted Begonias.

- 5284 — **Vernon.** This new variety is distinguished by the splendid coloring of its foliage and flowers. When young, the leaves are dark green, but they change after being more exposed to the sun into a very deep red with metallic hue. The bright orange-carmine flowers, especially the male ones with their yellow anthers, contrast beautifully with the brown red foliage. It is very effective for bedding in masses, being covered with bloom from May until late in the autumn..... 10

See Plant Department for bulbs of Tuberous Begonias.

## BARTONIA.

Producing showy flowers, above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting well; hardy annual; 2 feet.

- 5275 **Bartonia Aurea.** Large golden yellow..... 5

## BEET.

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For planting in ribbon-beds or in groups they are very effective.

- 5288 **Red Chilian.** Scarlet ribbed. Oz. 15 cts..... 5  
 5287 **Yellow “** Golden yellow. Per oz., 15 cts.... 5  
 5286 **Dracæna-leaved.** Brilliant dark red foliage.... 5

## BOCCONIA.

Effective plant, for single specimens or groups on lawn. Foliage glaucous green, bears freely spikes 2 to 3 feet long, of cream-colored flowers; hardy perennial; 5 feet.

- 5305 **Bocconia Japonica**..... 5



BRACHYCOME.

## BRACHYCOME.

(Swan River Daisy.)

Free-flowering, dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds, or pot-culture; half-hardy annual.

- 5307 **Brachycome, Mixed.** Light blue and white... 5

## BIDENS.

(Dahlia Zimapani.)

A free-flowering tender annual having beautiful foliage and bearing fine and attractive flowers. The roots can be preserved like Dahlias; 1 foot.

- 5303 **Bidens Atrosanguinea.** Crimson and yellow. 5



BROWALLIA.



BOCCONIA.

## BRYONOPSIS.

A beautiful plant of the gourd species, with ivy-like pale green foliage and showy scarlet fruit, striped with white; half-hardy annual; 10 feet.

- 5318 **Bryonopsis Laciniosa**..... 5

## BROWALLIA.

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers, during the summer and autumn months, growing freely in any rich soil; blooms finely in the winter if sown in August; half-hardy annual; 18 inches.

- 5323 **Browallia Elata Cœrulea.** Large sky-blue flowers with a white centre..... 5  
 5324 — **Elata Nana.** Dwarf sky-blue..... 10  
 5330 — **Mixed.** All the Elata varieties..... 5





CALCEOLARIA HYBRIDA.

**CACALIA.**

(Tassel Flower.)

A neat, half-hardy annual of easy culture, with tassel-shaped flowers; blooms from July to September in clusters; fine for borders. Golden yellow and scarlet; 1½ feet.

5340 **Cacalia, Mixed.** PER PKT. Per oz. 50 cts. 5

**CALADIUM.**

Variegated foliage plants, for greenhouse decoration.

5362 **Caladium, Finest Mixed.** 25

**CALLIRHOE.**

A very pretty hardy annual, growing from two to three feet high. It commences to flower when very small, and continues a mass of bloom all summer.

5341 **Callirhoe Pedata.** Rich violet purple, white eye. 5

**CAMPANULA.**

Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatia and Speculum are fine for beds, edgings and ribbon-gardening.

5368 **Campanula Pyramidalis** (*The Chimney Campanula*). A beautiful and stately plant, either for garden or pot culture; mixed blue and white flowers; hardy perennial; 3 feet. 5

5367 — **Carpatia, Mixed.** Free-flowering, blue and white mixed, continuing in bloom the whole season; hardy perennial; 6 inches. 5

5366 — **Macrostyia.** A new, beautiful rose-flowering variety of this favorite type; hardy perennial, flowering first season, if sown early; 2 feet. 10

5420 — **Media, Single, Mixed** (*Canterbury Bells*). Beautiful large bell-shaped flowers; effective plants for pot-culture; hardy biennials; 2½ feet. 5

5410 — **Media, Double, Mixed** (*Canterbury Bells*). All the double Media varieties; 2½ feet. 5

5363 — **Media Calycanthema** (*Cup and Saucer*). This is the finest variety of Campanula, producing plants with white and blue flowers resembling cup and saucer; mixed. 10

5365 — **Speculum.** A double blue variety of Venus' Looking-Glass, fine for cutting and bouquets; 6 inches. 5

5412 — **Garganica.** Charming miniature trailing Bellflower with light blue flowers, splendid plant for hanging baskets or for pot culture; flowers the first year when sown early. 10

**CALCEOLARIA.**

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory.

PER PKT.

5350 **Calceolaria Hybrida, Tall, Mixed.** Large-flowering, beautiful, rich, self-colored flowers; saved from a choice collection; 20 inches. 25

5352 — **Hybrida Tigrina, Tall, Mixed.** Large-flowering, tigered and spotted flowers; the very finest mixture of the most brilliant colors; 20 inches. 35

5353 — **Hybrida Pumila Compacta.** Of dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot. 35

5354 — **Rugosa, Mixed** (*Shrubby*). Small-flowering varieties for bedding; of the finest colors; 2 feet. 50

**CALENDULA.**

Showy free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 foot.

5345 **Calendula Meteor.** Large double yellow, striped with orange. Oz. 30 cts. 5

5348 — **Prince of Orange.** Resembles Meteor, but is much darker. Oz. 40 cts. 5

5343 — **Pongee Flore Pleno.** Showy, double white flowers. 5

5346 — **Orange King.** New, very large double flowers of a dark orange red. 5

5347 — **Pure Gold.** Large flowers of a pure golden yellow 5

5342 — **Double Sulphur.** A new variety of the improved compact growing pot Marigold, growing about 1 foot high, with very large and extremely double flowers of a pleasing sulphur yellow color. 10



CALENDULA, DOUBLE SULPHUR.

**CALAMPELIS.**

5416 A beautiful annual climber. Trained to a trellis or south wall, it is an ornamental object throughout the summer, its bright orange tubular flowers contrasting effectively with the delicate green of the foliage, 10 ft. 10

**CANARY BIRD FLOWER.**(See *Tropæolum Canariense*.)

CANTERBURY BELLS.



## CANNA.

Highly ornamental plants, producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange, or scarlet flowers. Soak the seed 12 hours in hot water before planting; sow in sandy loam or peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

- 5402 **Crozy's Large-flowering Dwarf French, Finest Mixed.** Comprising all the newest and most beautiful varieties. Per oz. \$1.00.....10
- 5406 — **Madame Crozy.** Flowers of the largest size, of a dazzling crimson scarlet bordered with golden yellow; very free-flowering.....10
- 5407 — **Paul Marquant.** Flowers of the largest size, of a bright salmon scarlet.....15
- 5408 — **Captain Suzzoni.** Large, yellow, spotted, with cinnamon red.....15
- 5400 — **Choice Mixed.** Old varieties. Per oz. 40 cts.. 5



CANDYTUFT, TOM THUMB.

## CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April flower from July to September, and some of the sorts till frost comes. All the varieties are hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. Hardy annuals, 1 foot high.

- 5380 **Candytuft, Empress.** A complete mass of pure white flowers, in a pyramid of bloom. Per oz. 50 cts..10
- 5386 — **Carmine.** 5 cts. 5385 — **Crimson.**..... 5
- 5381 — **White Fragrant.** Per oz. 25 cts..... 5
- 5382 — **" Rocket.** Per oz. 25 cts..... 5
- 5390 — **Mixed Colors.** Per oz. 25 cts..... 5
- 5383 — **Tom Thumb, White.** 6 inches..... 5
- 5387 — **Dwarf Hybrids, Mixed.** 6 inches.....10
- (For hardy Candytufts, see *Iberis*, page 59.)

## CEDRONELLA.

- 5435 **Cedronella Cana.** A hardy perennial plant, with fragrant foliage and long spikes of purplish flowers, remaining in bloom a long time; 2 feet..... 5

## CENTROSEMA GRANDIFLORA VIRGINICA.

- 5468 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish-purple, with a broad, feathery white marking through the centre, the buds and back of the flowers being pure white.....10

## CERASTIUM.

(Snow in Summer.)

- 5472 **Cerastium Tomentosum.** A very pretty dwarf white-leaved edging plant bearing small white flowers.. 5

## CLEOME (Giant Spider Plant).

- 5581 **Cleome Pungens.** Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; half-hardy annual; 3 feet..... 5

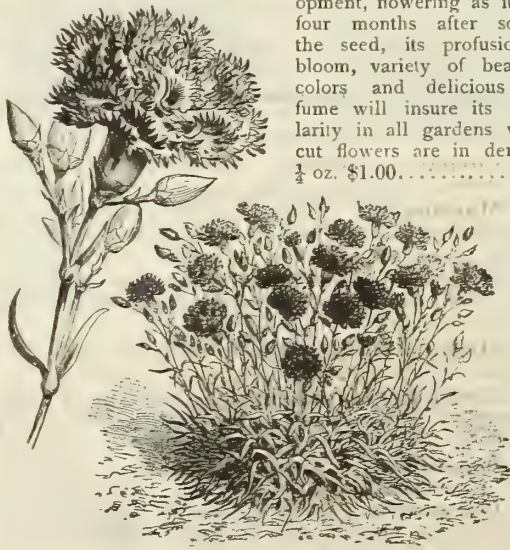


CARNATION, DOUBLE PERPETUAL.

## CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer.

- 5425 **Carnation, Finest German.** Mixed colors; saved from extra fine double named flowers.....20
- 5426 — **Perpetual, or Tree.** Choicest mixed colors; fine for winter flowering.....35
- 5430 — **Fine Double, Mixed.** The hardiest and best varieties for garden culture.....10
- 5423 — **Early Flowering Double Vienna.**.....10
- 5424 — **Riviera Market.** A splendid strain of perpetual Carnations, producing 85 per cent. of double flowers, in many beautiful colors, including a large percentage of yellow grounds.....25
- 5429 — **Collection** of 12 finest varieties.....\$1.00
- 5428 — **Marguerite.** This beautiful new race of Carnations has attracted the admiration of all who have grown it. Its rapid development, flowering as it does four months after sowing the seed, its profusion of bloom, variety of beautiful colors and delicious perfume will insure its popularity in all gardens where cut flowers are in demand. 1/2 oz. \$1.00.....10



CARNATION, MARGUERITE.





COCKSCOMB—GLASGOW PRIZE

## Celosia, or Cockscomb.

Free blooming graceful plants, growing best in rather light soil, not too rich, producing spikes of beautiful, feathery and comb-shaped flowers; grown in pots, they are fine for the greenhouse or conservatory. The plumed varieties are fine for cutting and drying for winter bouquets, which should be done when in full bloom and before they fade. Half-hardy annuals.

- 5440 **Celosia Variegata.** Variegated with crimson, orange, green, shaded and striped; of the most brilliant hues; 3 feet. . . . . 5
- 5442 — **Glasgow Prize.** Dark foliage, immense showy dark crimson combs; 1 foot . . . . . 10
- 5443 — **Empress.** Produces Combs of colossal proportions, flowers have been grown measuring 45 inches from tip to tip; rich velvety crimson. . . . . 10
- 5447 — **Golden Plume.** Pyramidal habit. Flowers bright golden yellow; 3 feet . . . . . 10
- 5445 — **Plumosa Superba.** A beautiful feathered variety; mixed colors; 3 feet. . . . . 10
- 5450 — **Dwarf, Mixed.** Fine dwarf varieties of Cockscomb. Per oz., 75 cts. . . . . 5
- 5449 **Collection of 6 varieties Dwarf Cockscomb.** . . . . 30
- 5441 **Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only about eight inches high, with beautiful dark rose-colored combs of immense size, measuring under good cultivation two feet across and one foot in breadth. Interesting plants for growing in pots. . . 10



CHRYSANTHEMUM, SINGLE MIXED.



CHRYSANTHEMUM INODORUM PLENISSIMUM.

## Chrysanthemum.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn-flowering varieties.

### Single Annual Varieties.

- 5484 **Burridgeanum.** White centre, crimson band, beautiful; 1 foot. . . . . 5
- 5493 **Carinatum Eclipse.** Pure golden with a bright purplish scarlet ring and dark brown disc, very striking 5
- 5495 **Segetum Grandiflorum.** Large blooms of a bright sulphur-yellow. . . . . 5
- 5486 **W. E. Gladstone.** Brilliant crimson. . . . . 5
- 5481 **Golden Feather.** White, banded crimson, inner ring canary yellow, maroon eye. . . . . 5
- 5483 **The Sultan.** Maroon, golden yellow centre. . . . 5
- 5500 **Single Mixed.** Summer flowering varieties; 1 to 2 feet. Oz. 30 cts. . . . . 5
- 5489 **Collection of summer-flowering Chrysanthemums,** 8 varieties. . . . . 30

### Semi-Double Annual Varieties.

- 5485 **Semi-Double White.** . . . . . 5
- 5487 **Semi-Double Yellow.** . . . . . 5
- 5488 **Chrysanthemum Frutescens Grandiflorum.** ("The Marguerite" or "Paris Daisy.") Immense quantities are grown by French florists, and find a ready sale. It produces freely its white star-like flowers under the most unfavorable conditions. . . . . 10
- 5480 **Chrysanthemum Inodorum Plenissimum.** Double, snow-white, very free flowering and fine for cutting. A perennial, flowering the first year from seed. . . . . 10
- 5491 **Chrysanthemum, New Double Annual.** These beautiful varieties have been obtained by carefully hybridizing and selecting for several years the semi-double varieties of this useful annual until a high degree of doubleness has been attained. They are extremely variable in color, including innumerable shades of red and rose, purple, yellow, white, etc. . . 10
- 5490 **Chrysanthemum Japanese Hybrids.** The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed sown in spring will produce vigorous flowering plants by fall, and do better than old plants. . . . . 25



CENTAUREA.

(White-Leaved Varieties.)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. Sow the seed from December to April; half-hardy perennials.

- 5457 Centaurea Gymnocarpa. Fine cut silver-gray foliage; 1½ feet. Per 1,000 seeds 50 cts. 10
- 5454 Candidissima. Silvery white, leaves broadly cut; Per 1,000 seeds 75 cts. 10

CENTAUREA CYANUS.

(Ragged Sailor, Corn Flower, or Blue Bottle.)

- 5462 Centaurea Cyanus, White. 5
- 5463 — Blue (Kaiser Blume). 5
- 5460 — Mixed. 1½ feet. 5
- 5461 — New Double Flowered. 10
- 5465 — Dwarf Victoria. A charming miniature form of this popular flower, rarely exceeding 8 inches in height, the plants forming very pretty globular bushes, which are profusely covered with dark blue flowers. 10

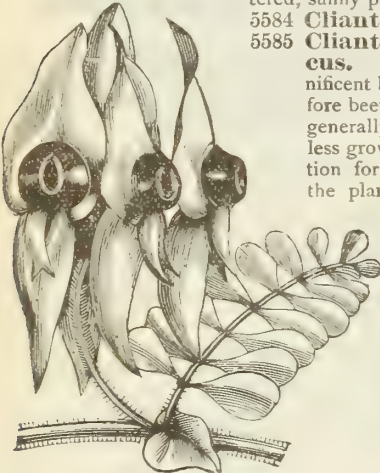
CLARKIA.

An old favorite hardy annual plant, growing in any garden soil, and producing freely its cheerful flowers in the season. Sow the seed early in the spring or in the autumn.

- 5560 Clarkia Pulchella, Single. Mixed colors.... 5
- 5570 Clarkia Pulchella, Double. Mixed colors... 5

CLIANTHUS (Australian Glory Pea).

A beautiful green-house perennial shrub, bearing clusters of drooping, brilliant, rich scarlet, pea-shaped flowers, 3 inches in length, each flower picturesquely marked with a large black blotch in the centre. Plant out in May or June, when the weather has become warm, in a rather dry, sheltered, sunny position; 4 feet.



CLIANTHUS DAMPIERI.

- 5584 Clianthus Dampieri 15
- 5585 Clianthus Dampieri Germanicus. The seed supplied of this magnificent but little known plant has heretofore been of Australian growth, and has generally given unsatisfactory results unless grown under glass. By careful selection for many years in a colder climate, the plant has been gradually hardened, and we now offer a strain of seed that, if sown in the open border in May, will produce plants that will flower freely all summer... 25

CLEMATIS.

Rapid-growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant; the large-flowering varieties are very handsome, and are continually in bloom. Soak the seeds in warm water for 24 hours before sowing; hardy perennials; 15 feet.

- 5575 Clematis Flammula (Virgin's Bower). Producing beautiful clusters of small white fragrant flowers. 5
- 5577 — Hybrida Grandiflora. Large flowering, mixed 15



COSMOS HYBRIDUS.



CENTAUREA CYANUS, DOUBLE.



CERASTIUM TOMENTOSUM.

CUPHEA (Cigar Plant).

- 5655 Cuphea Roezli Superba. A very free-flowering plant, bearing tubular flowers of a bright red color. 15

COSMOS.

Beautiful autumn-blooming plants. The flowers are borne profusely in loose clusters on long stems and present a charming appearance when the plants are in full bloom as they wave to and fro in every passing breeze. It is a half-hardy annual and should be sown in spring, in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. It is of the easiest culture, planted about a foot apart in rows or in masses in beds, it produces during September and October or later, until cut down by frost, thousands of beautiful flowers in pure white, pink, and crimson shades, furnishing an abundance of cut blooms for autumn decoration when other flowers are scarce.

- 5651 Cosmos Hybridus. Crimson. 75c. 10
- 5654 — — Light Pink. 75c. 10
- 5653 — — Pure White. 75c. 10
- 5652 — — Mixed. 75c. 10



## Cineraria Grandiflora.

### "DREER'S PRIZE STRAIN."

This strain of Cineraria cannot be surpassed either for size of flowers or beauty of color. Many of the blooms measure 2½ inches in diameter, and none will be smaller than a silver dollar. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the *best* should procure our Prize strain.

- |      |   |  |             |
|------|---|--|-------------|
| 5510 | <b>Cineraria Hybrida Grandif.</b>               | <i>Prize dwarf, mix.</i>   | PER PKT. 35 |
| 5520 | " "   | " <i>Prize tall, mixed.</i>  | 35          |
| 5540 | " "   | " <i>choice mixed, dwarf.</i>  | 25          |
| 5530 | " "   | " <i>choice mixed, tall.</i>   | 25          |
| 5531 | <b>Cineraria Hybrida Grandif. White Gem.</b>    | A new pure white variety, excellent for Easter decoration. . . . . 50  |             |
| 5511 | <b>Cineraria Hybrida Grandiflora Kermesina.</b> | This superb variety is one of the richest colored of this beautiful class of plants. The flowers are of the largest size, averaging 2½ inches across, of an intense glowing velvety dark crimson. . . . . 35 |             |
| 5550 | <b>Cineraria, Double Mixed.</b>                 | Large-flowering double varieties, double mixed. All the rich and beautiful colors of the single exist in this variety. . . . . 50  |             |

## COLEUS.

Our new strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March or April. Mixed colors and varieties.

- 5640 **Coleus, Dreer's Hybrids.** . . . . 25

## CONVOLVULUS MAJOR.

### (Morning Glory.)

One of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed; hardy annuals; 15 feet.

- 5630 **Morning Glory, Mixed.** All colors. Per oz. 15 cts. . . . . 5  
5629 **Collection of Morning Glory,** 10 varieties. . . . . 40

## CONVOLVULUS MINOR.

### (Dwarf Morning Glory.)

Rich colored, handsome, dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect; hardy annuals; 1 foot.

- 5606 **Convolvulus Tricolor, Mixed.** . . . . 5  
5611 — **Mauritanicus.** A beautiful trailing plant for hanging-baskets; blue flowers. . . . . 10

## COLLINSIA.

Very pretty free-flowering plants, blooming in whorls and several whorls around each flower stem; mixed, of all varieties and colors; hardy annual; 1½ feet.

- 5650 **Collinsia, Mixed.** . . . . 5

## COMMELINA.

A tuberous-rooted, free-blooming, very pretty plant; succeeds in a light, rich soil. Half-hardy perennial, blooming the first season from seed; 1½ feet.

- 5602 **Commelina Celestis Cœrulea.** Rich sky-blue. . . . . 5



CINERARIA GRANDIFLORA.

## Cobæa.

A climber of rapid growth, flowering the first season if sown early in the house or hot-bed. In sowing, place seeds edgewise and merely cover with light soil.

- 5586 **Cobæa Scandens.** Large, bell-shaped purple flowers. . . . . 10  
5587 — **Scandens Alba.** Pure white. . . . . 15

## COCCINEA.

### (Scarlet Fruited Ivy Leaved Climber.)

A handsome climber, of the gourd species, flowering the first season if started early in heat, with beautiful smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers, and brilliant carmine fruit; half-hardy perennial; 10 feet.

- 5588 **Coccinea Indica.** . . . . 10

## CINERARIA.

### (Dusty Miller.)

Fine for bedding, ribbon-beds, and margins; prized for their beautiful downy silvery foliage; half-hardy perennials; 2 ft.

- 5555 **Cineraria Maritima Candidissima.** With large silver foliage; clusters of yellow flowers. Oz. 75 cts. 5  
5556 — **Acanthifolia.** Silvery foliage, beautifully cut. 10



COBÆA SCANDENS.



CONVOLVULUS (MORNING GLORY).



CINERARIA MARITIMA.





COREOPSIS LANCEOLATA.

**COREOPSIS (Calliopsis).**

Showy, and beautiful, free-flowering, hardy annuals, blooming all summer and excellent for cutting.

- |  | PER PKT. |
|--|----------|
| 5359 <b>Coreopsis Coronata.</b> Showy large yellow flowers.....  | 5        |
| 5355 — <b>Drummondii (Golden Wave).</b> Large rich golden-yellow flowers with chestnut-brown centres, produced in abundance..... | 5        |
| 5358 — <b>Tinctoria.</b> Golden-yellow with garnet eye....   | 5        |
| 5357 — <b>Nigra Speciosa.</b> Rich, velvety crimson....  | 5        |
| 5360 — <b>Mixed.</b> All the choice kinds. Per oz. 40 cts...   | 5        |

**COREOPSIS LANCEOLATA.**

(See colored sketch on fourth page of cover.)

- 5356 This is one of the finest of hardy plants, with large, showy, bright golden yellow flowers, freely produced on long stalks from June till frost, excellent for cutting for bouquets, etc. It is perfectly hardy, and will thrive in almost any situation; perennial; 3 ft. .... 10



COREOPSIS TINCTORIA.

**CYCLANTHERA.**

A climbing plant of the gourd species, free-growing, handsome foliage and oval-shaped fruit, exploding loudly when ripe; half-hardy annual; 10 feet.

- 5672 **Cyclanthera Explodens** ..... 5

**CYPRESS VINE.**

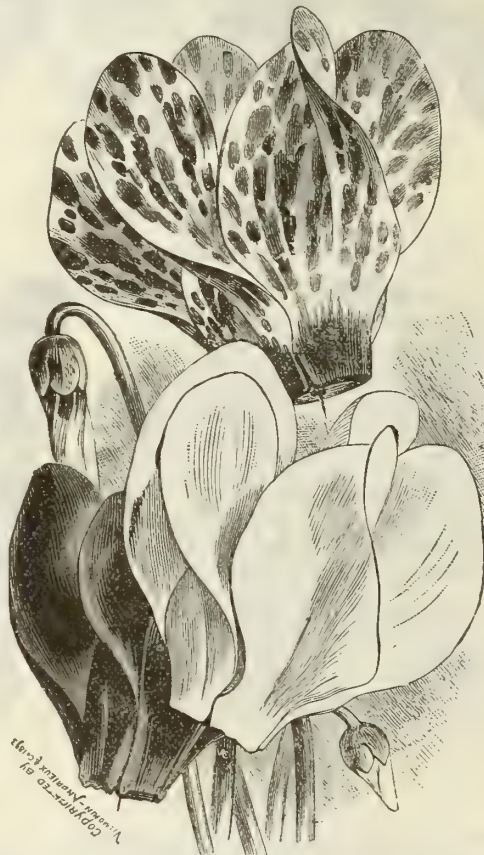
(Ipomœa Quamoclit.)

One of our most popular vines, with very delicate fern-like foliage, and masses of beautiful small, star-shaped flowers. Sow in May; 15 feet.

- |  | PER PKT. |
|--|----------|
| 5674 <b>Crimson.</b> Per oz. 30 cts. 5   |          |
| 5676 <b>White.</b> Per oz. 30 cts. 5   |          |
| 5680 <b>Mixed.</b> White and crimson. Per oz. 30 cts. 5  |          |
| 5677 <b>Scarlet Ivy-leaved.</b> A rapid-climbing variety, with deeply lobed, ivy-like leaves, and small, fiery scarlet flowers. Per oz. 30 cts. .... 5 |          |



CYPRESS VINE.



CYCLAMEN PERSICUM GIGANTEUM, MIXED.

**Cyclamen Persicum.**

Charming plants with beautiful foliage and rich colored fragrant flowers, universal favorites for winter and spring blooming. The Giganteum varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage.

- |   | PER PKT. |
|---|----------|
| 5661 <b>Album.</b> Pure white.....  | 25       |
| 5662 <b>Emperor William.</b> Extra dark red, beautiful. .                     | 25       |
| 5670 <b>Choice Mixed.</b> .....   | 10       |
| 5663 <b>Giganteum (Williams).</b> Pure white with violet eye.                 | 50       |
| 5657 — <b>Album.</b> Pure white; superb.....                                  | 35       |
| 5658 — <b>Rubrum.</b> Dark red; splendid.....                                 | 35       |
| 5664 — <b>Rose Queen (Williams).</b> Delicate rose with deep crimson eye..... | 50       |
| 5665 — <b>Sanguineum.</b> New darkest red; fine.....                          | 50       |
| 5660 — <b>Finest Mixed.</b> .....   | 35       |

The strain of Cyclamen I bought from you last February is the best I have ever seen for variety of color and size and substance of blooms. In a house of about 1000 plants there is not one of poor quality.

WALTER WILSHIRE, Montreal, Canada, Feb. 10, 1894.



## DAISY.

(Bellis Perennis.)

A favorite plant in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.



DOUBLE DAISY.

- PER PKT.
- 5690 **Daisy, Mixed.** All colors; 4 inches.....10
- 5682 — **Double White.**.....10
- 5684 — **Longfellow.** Large double pink flowers.....10
- 5683 — **Snowball.** A large and very double pure white Daisy of the "Longfellow" type. The flowers are borne on long stems and are excellent for cutting.....15
- 5685 — **Double Quilled Mixed.** Very double, quilled petals, red and white mixed.....15
- 5686 — **New Giant Double.**

These new Giant Daisies, which are beautifully and densely imbricated, are of an unusual size, measuring from 1½ to 2 inches in diameter and varying in different red tints.....15

## DATURA.

(Trumpet Flower.)

- 5697 **Datura Double Golden.** Large double flowers, of a deep golden yellow; delightfully fragrant..... 5
- 5700 — **Fastuosa Huberiana, Mixed.** From large double flowers of various colors..... 5
- 5696 — **Arborea Simplex (Brugmansia).** Large single trumpet-shaped, white, fragrant flowers, about 12 inches long. Plant out in May.....15

## DIGITALIS.

(Foxglove.)

A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

- 5750 **Digitalis Gloxinaeflora.** Gloxinia-shaped flowers. A lovely type; all colors mixed..... 5
- 5751 — **Monstrosa.** Mammoth Foxglove. The largest and best type; all colors mixed.....10

## DAHLIA.

One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in sand; 2 to 8 feet.

- 5692 **Dahlia Double.** Large flowering; finest mixed.....10
- 5693 — **Double.** Small flowering (*Bouquet or Lili-putian*); finest mixed.....10
- 5691 — **Single. Gracilis.** Beautifully striped and spotted varieties.....10
- 5695 — **Single. Jules Chretien.** Bright scarlet, half dwarf; one of the finest.....15
- 5694 — **Single Mixed.** Large, showy single flowers.....10
- 5699 — **Single.** Collection of 6 separate sorts.....50
- 5698 — **Tom Thumb.** New single varieties in beautiful mixed colors; a highly interesting class of neat, compact and dwarf habit, growing about 1 foot in height, very free-flowering, invaluable for cutting purposes, and admirably adapted for planting in masses and for border decoration. They bloom the first season from spring-sown seed.....20



SINGLE DAHLIA, JULES CHRETIEN.

## DICTAMNUS.

(Burning Bush or Gas Plant.)

A hardy perennial, fragrant, free-flowering, herbaceous plant, suitable for mixed borders; thriving in any common soil; producing racemes of flowers often 1 foot in length.

- 5745 **Dictamnus Fraxinella, Mixed.** White and red; 2 feet..... 5

## DELPHINIUM.

(Perennial Larkspur.)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed; hardy perennials.

- PER PKT.
- 5705 **Delphinium Formosum.** Beautiful spikes of brilliant rich blue flowers, with a white centre; 2½ feet..... 5
- 5706 — **Nudicaule.** Dwarf, of compact growth, with spikes of bright scarlet flowers; 18 inches.....10
- 5708 — **Cashmerianum.** A beautiful dark blue, blooms in corymbs of 6 or more; 15 inches.....10
- 5715 — **Elatum Hybridum.** Bee Larkspur. Rich deep blue; very free blooming.....10
- 5718 — **Grandiflorum fl. pl.** Finest double, mixed in great variety of charming colors..... 5
- 5707 — **Zalil.** A lovely shade of sulphur yellow..... 10
- 5714 — **Fine Mixed varieties.** Oz. 40 cts..... 5



DELPHINIUM.

## DOLICHOS.

(See Hyacinth Bean, page 58.)



DAHLIA, TOM THUMB.





DIANTHUS HEDDEGI DIADEMATUS.

### Single Annual Varieties.

- 5734 **Dianthus Heddegi.** PER PKT.  
Finest selected single-flowered, mixed. Oz. 50 cts. .... 5
- 5731 — **Laciniatus.** Beautiful fringed variety; various colors. .... 5
- 5732 — **"Eastern Queen."** Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. .... 5
- 5733 — **"Crimson Belle."** As its name implies, is a rich crimson color, flowers of a very large size and substance, evenly and finely lacinated. .... 5
- 5739 **Collection** of China and Japan Pinks; 12 varieties. .... 50

### Hardy Perennial Varieties.

- 5725 **Dianthus Plumarius,** (*Pheasant-eye*). A beautiful single hardy pink, with fringe-edged white flowers, with a dark centre. .... 5
- 5727 — **Plumarius Fl. Pl.** Double and semi-double varieties in beautiful colors. .... 10
- 5726 — **Plumarius Albus Fl. Pl.** Pure, double, white, very fine. .... 25
- 5736 — — **New Perpetual.** Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. .... 25

### EUCHARIDIUM.

A rare and beautiful plant, of dwarf spreading habit and narrow lanceolate foliage. The color of the flowers is a pleasing purplish rose, shading to white in the centre.

- 5808 **Eucharidium Breweri.** .... 10

### ERYTHRINA.

(Coral Plant.)

An ornamental half-hardy perennial shrub, fine for out-door summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet.

- 5786 **Erythrina Crista Galli.** .... 15

### EUPATORIUM.

A very pretty herbaceous hardy perennial plant, blooming the first season from seed, producing clusters of snowy-white flowers; fine for cutting and bouquets; 1½ feet.

- 5804 **Eupatorium Fraseri.** .... 10



ERYTHRINA CRISTA GALLI.

# Dianthus or Pinks.

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese and Japanese varieties, bloom the first season, the same as hardy annuals; height, 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

### Double Annual Varieties.

- 5720 **Dianthus Chinensis** (*China or Indian Pink*). Double, mixed. PER PKT.  
Per oz., 30 cts. .... 5
- 5721 — **Chinensis.** Double white. Per oz. 40 cts. .... 5
- 5730 — **Heddegi.** Double mixed (*Japan Pink*). Colors varying from the richest velvety crimson to the most delicate rose. Per oz. 60 cts. .... 5
- 5735 — **Heddegi.** Double white, very fine. .... 10
- 5740 — **Heddegi Diadematus** (*Double Diadem Japan Pink*). Beautiful double flowers; mixed of varied tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white. Per oz. 75 cts. .... 5
- 5722 — **Imperialis** (*Double Imperial Pink*). Double, variegated, mixed colors. .... 5
- 5728 — **Laciniatus Flore Pleno** (*Double Fringed Japan Pink*). Large double showy flowers with fringed edges, mixed, various colors and beautifully striped. .... 5
- 5724 — **Mourning Cloak.** Rich, blackish crimson; a very fragrant and effective flower. .... 10
- 5723 — **Nanus Atro-Sanguineus.** A dwarf plant producing globular double dark blood-red flowers. .... 5
- 5742 — **Fine Garden, or Clove-Scented Pinks** (*Hortensis Varieties*). Beautiful double mixed colors. .... 10

### DRACÆNA.

Beautiful ornamental leaved plants, indispensable for vases and house decoration.

- 5756 **Australis.** Broad green leaves. .... 10
- 5757 **Indivisa Lineata.** Gracefully arching, dark green. .... 10
- 5758 **Splendid** mixed varieties. .... 15

### ECHEVERIA.

Very desirable plants for bedding or for borders, blooming the second season. They can be wintered in a light cellar free from frost.

- 5776 **Echeveria, Mixed.** .... 25

DIANTHUS, "CRIMSON BELLE" AND "EASTERN QUEEN."



DIANTHUS HEDDEGI, SINGLE.





HELICHRYSUM.



GLOBE AMARANTH, NANA COMPACTA.



RHODANTHE.

## Everlasting Flowers and Ornamental Grasses.

**ACROCLINIUM.** Charming border plants with beautiful flowers, growing freely in any good garden soil; half-hardy annuals; 1 foot.

	PER PKT.
5021 <b>Acroclinium, Single Rose</b> .....	5
5022 — <b>Single White</b> .....	5
5030 — <b>Single Mixed.</b> Per oz. 40 cts.....	5
5025 — <b>Double Rose</b> .....	10
5114 <b>AMMOBIUM ALATUM GRANDIFLO-</b>	

**RUM.** A pretty border plant much used as an everlasting flower for winter bouquets; pure white; hardy annual; 2 feet.....

**GLOBE AMARANTH** (*Gomphrena*). Commonly known as Bachelor's Buttons. Handsome flowers of various colors; half-hardy annuals; 2 feet.

5892 <b>Globe Amaranth, White</b> .....	5
5895 — — <b>Purple</b> .....	5
5896 — — <b>Nana compacta.</b> New dwarf red.....	10
5900 — — <b>Mixed.</b> Per oz. 40 cts.....	5

**HELICHRYSUM.** Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; hardy annuals; 1½ feet.

5925 <b>Helichrysum, Pure White</b> .....	5
5928 — <b>Deep Crimson</b> .....	5
5930 — <b>Mixed.</b> All colors. Per oz. 60 cts.....	5

5942 **HELIPTERUM SANFORDI.** A very pretty border plant of dwarf habit, bearing large globular clusters of bright golden-yellow flowers; 1 foot... 5

**RHODANTHE.** A charming plant; succeeds in a light, rich soil, and a warm, sheltered situation; valuable for pot or border culture; half-hardy annuals; 1 foot.

6460 **Rhodanthe, Fine Mixed**.....10

**XERANTHEMUM.** Showy double free-flowering border plants.

6760 — **Superbissimum.** This new strain has double globe-shaped flowers.....10

6770 — **Mixed**.....5

5799 **Collection** of Immortelles and Everlasting Flowers; 12 varieties, each separate ..... 60

5167 **ARUNDO DONAX VARIEGATA** (New Zealand Pampas Grass). A variety similar to the Pampas, with long, graceful, drooping leaves, and silvery plumes, on stems 10 feet high; fine for specimens on lawns or for massing; hardy perennial.....10

5313 **BRIZA MAXIMA** (*Quaking Grass*). A beautiful variety, in great demand for ornamental work and grass bouquets; hardy annual; 1 foot.....5

5316 **BROMUS BRIZÆFORMIS.** A graceful variety, with drooping panicles resembling the Briza Maxima; hardy perennial, flowering the first season; 1 foot.....5

5591 **COIX LACHRYMÆ** (*Job's Tears*). With broad, corn-like leaves, and hard, shining, pearly seeds; half-hardy annual; 2 feet. Per oz. 30 cts.....5

5782 **ERIANTHUS RAVENNÆ.** Hardy perennial, exquisite white plumes resembling the Pampas Grass. Fine for lawns if planted in clumps. Flowers the first season if sown very early in the greenhouse or hot-bed; 10 feet.....5

**EULALIA.** Hardy perennial, long narrow leaves, elegantly recurved flower-spikes of a light violet color, not unlike a curled ostrich feather.

5802 **Eulalia Japonica.** Striped white and green....10

5803 — **Zebrina.** Leaves light green, mottled and striped.10

5913 **GYNERIUM ARGENTEUM** (*Pampas Grass*). White silvery plumes, half-hardy perennial, blooms the second season from seed; will stand out over winter, if protected.....5

5988 **LAGURUS OVATUS** (*Hare's Tail Grass*). Beautiful small white heads or spikes of bloom, excellent for bouquets; hardy annual; 1 foot.....5

6586 **STIPA PENNATA** (*Feather Grass*). Hardy perennial, beautiful, delicate, white, feathery bloom; flowering the second season from seed. The seed is slow to vegetate; 2 feet.....5

5919 **Collection** of Grasses, containing one package of each of the above varieties ..... 50



JOB'S TEARS.



BRIZA MAXIMA.



PAMPAS GRASS.



EULALIA ZEBRINA.





ESCHSCHOLTZIA MANDARIN.



EUPHORBIA VARIEGATA.

**ESCHSCHOLTZIA.**

(California Poppy.)

Very attractive plants for beds, edgings, or masses; profuse flowering and fine cut foliage, in bloom from June till frost; hardy annuals; 1 foot.

- 5788 **Eschscholtzia Aurantiaca.** Rich orange.... 5  
 5796 — **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet..... 5  
 5795 — **Rose Cardinal.** A charming new variety, producing freely beautiful large flowers, of intense carmine..... 5  
 5800 — **Mixed, Single.** All colors. Per oz. 40 cts... 5  
 5790 — **Mixed, Double Varieties.**..... 5

**EUPHORBIA.**

(Snow on the Mountain.)

- 5806 **Euphorbia Variegata.** Attractive foliage, with white and green bracts on the tip of each branch, veined and margined with white; 2 feet..... 5  
 5807 — **Heterophylla** (*Mexican Fire Plant, Painted Leaf*). A hardy annual resembling in habit and color the beautiful hot-house Poinsettia. The plants grow two to three feet high, of branching bush-like form, with smooth glossy leaves, which are at first entirely green, but about mid-summer clusters of small white flowers appear on the end of each branch surrounded by beautiful orange scarlet bracts, presenting a striking and brilliant combination of colors..... 5

**FENZLIA.**

A small dwarf profuse flowering plant, adapted for small beds, rustic work, vases, or pot culture, blooming all summer, and requires to be well supplied with moisture; hardy annual; rosy lilac, with crimson centre; 3 inches.

- 5815 **Fenzlia Dianthiflora**..... 10



FENZLIA DIANTHIFLORA.



FUCHSIA.

**FUCHSIA.**

A well-known plant of easy culture, for the house or shady situations in the garden; the seed we offer is saved from the finest single and double named varieties.

- 5836 **Fuchsia Procumbens.** Trailing..... 15  
 5835 — **Mixed**..... 15

**FERNS.**

These ornamental plants are very desirable for Wardian cases or ferneries; thriving in a peaty, sandy soil, and moist, shady positions in the garden during the summer. The seed is, however, slow of germination, and requires care and considerable patience before it makes its appearance. Sow in the spring in shallow boxes, barely covering the seed with soil; keep moist with a covering of fine moss, and in a temperature of 60 degrees.

PER PKT.

- 5816 **Adiantum, Mixed.** Maiden-hair varieties..... 15  
 5830 — **Choice, Mixed.** From a fine collection..... 15  
 5819 **Collection of Ferns, 12 varieties**..... \$1.00

**FREESIA.**

Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant.

- 5831 **Freesia Refracta Alba**..... 10



GAILLARDIA LORENZIANA.

**GAILLARDIA.**

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn; half-hardy annuals; 1½ feet.

- 5837 **Gaillardia Picta.** Crimson and orange..... 5  
 5838 — **Picta Lorenziana.** A charming profuse flowering semi-double strain; beautiful mixed colors..... 5  
 5840 — **Mixed.** Fine colors..... 5  
 5841 — **Grandiflora Superba.** Splendid new perennial varieties with very large flowers, dark crimson centres, marked with rings of many brilliant colors... 16

**GAZANIA.**

Excellent plants for vases, edgings or beds. They are constantly in bloom and are very showy.

- 5848 **Gazania Splendens.** Rich orange, black centre. 10

**GENTIANA.**

A charming hardy perennial which blooms early in May. The dwarf sorts are excellent for edgings, etc.

- 5852 **Gentiana Acaulis.** The Blue Gentian, flowers rich blue; 6 inches..... 10

**GERANIUM.**

- 5850 **Geranium Zonale, Mixed.** A superb strain of the largest and finest varieties; mixed colors..... 10  
 5845 — **Variegated, Mixed.** Bronze, gold, and silver tri-colored foliage varieties..... 25  
 5846 — **Double, Mixed.** This seed will produce a large percentage of double flowers of extra fine colors.. 25  
 5847 — **Pelargonium, Mixed** (*Lady Washington*). From the finest fancy and spotted large flowering..... 25  
 5844 — **Apple-Scented** (*Pelargonium odoratissimum*). This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate..... 10





GLOXINIA.



GLAUCIUM.

## GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into shallow pots to grow through summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring repot and water freely; will blossom second season. Stove perennial bulbs.

- 5861 **Gloxinia Hybrida Erecta.** Erect large-flowering varieties in splendid mixture.....25
- 5864 — **Punctata.** Tigred and spotted hybrids from a superb collection.....25
- 5870 — **Hybrida Mixed.** Erect and drooping flowers.....25

## GLAUCIUM.

(Horn Poppy.)

An ornamental foliage plant, with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped, and drooping; hardy biennial; 2 feet.

- 5858 **Glaucium Corniculatum.**.....5

## GNAPHALIUM.

(Edelweiss.)

Principally found on the Alps of Switzerland. Seed must be sown early in the spring in shallow pans in sandy soil and leaf-mould, and should be kept cool and moist.

- 5885 **Gnaphalium Leontopodium.**.....15

## GESNERA.

A beautiful hot-house, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich, peaty soil; choice varieties; 2 feet.

- 5853 **Gesnera Mixed.**.....25

## GEUM.

Beautiful hardy perennial, bearing profusely large showy flowers all through the summer; an elegant flower for bouquets.

- 5854 **Geum Atrococcineum.** Scarlet.....5

## GILIA.

Very pretty dwarf plants, early, free blooming, fine for massing and rock work; hardy annuals; 1 foot.

- 5880 **Gilia Mixed.** All varieties and colors.....5

## GYPSOPHILA.

Pretty, free-flowering, elegant plants for rock-work, baskets, edgings, and borders; succeeding in any garden soil.

- 5916 **Gypsophila Paniculata.** White flowers, fine for bouquets; hardy perennial; 2 feet.....5

- 5915 — **Elegans, Mixed.** Hardy annual.....5

## GOLDEN FEATHER.

(See Pyrethrum.)

## GLOBE AMARANTH.

(See Everlasting Flowers.)



GODETIA LADY ALBEMARLE.

## GODETIA.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of rich and varied colors; 1½ feet.

- 5886 **Godetia Apple Blossom.** Rosy blush.....5
- 5888 — **Duchess of Albany.** Pure white.....5
- 5889 — **Fairy Queen.** Blush, spotted carmine.....5
- 5887 — **Lady Albemarle.** Large, crimson rose.....5
- 5891 — **The Bride.** White, carmine centre.....5
- 5890 — **Mixed.**.....5



## GOURD, ORNAMENTAL.

Rapid growing, interesting plants with ornamental foliage, and varieties of singular shaped fruit; tender annuals; 15 to 20 feet.

- 5903 **Calabash.** The Dipper.....5
- 5905 **Hercules' Club.** Club-shaped; 4 feet long.....5
- 5904 **Egg-Shaped.** Fruit white like an egg.....5
- 5906 **Orange-Shaped, or Mock-Orange.**.....5
- 5901 **Bottle-Shaped.**.....5
- 5912 **Turk's Turban.** Red striped.....5
- 5911 **Pear-Shaped.** Striped; very showy.....5
- 5902 **Luffa.** Dish Rag, or Bonnet Gourd.....10
- 5907 **Serpent.** Striped like a serpent, changing to brilliant carmine when ripe; 5 feet in length.....5
- 5910 **Fine Mixed.** Per oz. 40 cts.....5

## GREVILLEA ROBUSTA.

- 5882 A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration.....10

## GOLDEN ROD.

- 5884 **Solidago canadensis.** Golden yellow; hardy perennial; 2 to 3 feet.....5





HELIANTHUS CUCUMERIFOLIUS.

## Helianthus.

(Sunflower.)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Hardy annuals.

- 5920 **Helianthus Nanus.** Dwarf double-orange flowers; 4 feet. Per oz. 30 cts. . . . . 5
- 5922 — **Nanus Variegatis.** Bushy, pyramidal-shaped plants; variegated leaves; 4 feet. . . . . 5
- 5921 — **Globosus Fistulosus** (*Globe Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz. 40 cts. . . . . 5
- 5923 — **Oscar Wilde.** Beautiful golden yellow, with jet-black centre; single, 4 feet. . . . . 5
- 5924 — **Cucumerifolius.** Small-flowered dwarf single Sunflower. Rich yellow. An abundant bloomer. 5

## HUMEA.

A handsome decorative plant, either for pots or gardens, producing drooping pyramids of ruby-red, grass-like florets. It should be grown in light, rich soil; half-hardy biennial; 8 ft.

- 5957 **Humea Elegans.** . . . . . 10

## HOLLYHOCK.

### Chater's Superb English Hollyhocks.

Few hardy plants combine as many good qualities, or lend themselves as readily to varied uses, as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among the shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular; for, by careful selection, the flowers have been so much improved, that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. We make a specialty of Hollyhocks, and the seed we offer is saved from the very best double flowers of pure and bright colors. Seeds sown during the summer make strong blooming plants for the following year.

- 5946 **Hollyhock, Double White.** Extra strain of perfectly double pure white flowers. Per oz. \$1.00. . . 10
- 5948 — **Double Yellow.** Comprising the buff, straw color and orange shades. . . . . 10
- 5951 — **Bright Red.** Double. . . . . 10
- 5952 — **Bright Pink.** Double. . . . . 10
- 5950 — **Extra Choice Double, Mixed.** Per oz. \$1.00 . . . . . 10
- 5949 — **Chater's Prize Collection** of 12 varieties, each color separate . . . . . \$1.00



DOUBLE HOLLYHOCK.

## HELIOTROPE.

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a green-house climber. Seed sown in the spring will make fine plants for summer blooming.

- 5940 **Heliotrope, Mixed.** . . . . . 10
- 5939 — **Collection** of 6 sorts. . . . . 40

## HIBISCUS (*Marsh Mallows*).

Showy, ornamental plants, for mixed beds or shrubbery borders, having large-sized, varied and beautiful colored flowers.

- 5944 **Hibiscus Africanus.** Large, cream-colored flowers, with a brown centre; hardy annual; 1½ feet. . . 5
- 5945 — **Palustris.** Large pink flowers; hardy perennial; 3 feet. . . . . 5
- 5947 — **New Crimson Eye.** Flowers of the largest size, pure white with a large spot of velvety crimson in the centre of each flower; hardy perennial; flowers the first year from seed sown early. . . . . 10

## HEUCHERA SANGUINEA.

- 5937 One of the finest of recent introductions amongst hardy perennials, and especially to be recommended for florists, its graceful flower spikes furnishing splendid material for bouquets. It is allied to the Saxifragas, and has a neat bushy habit. The flowers are of a rich bright crimson color; the leaves light green and slightly hairy. . . . . 25

## HONESTY.

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

- 5953 **Honesty** (*Lunaria Biennis*). 2 feet. . . . . 5

## HYACINTH BEAN.

A rapid-growing plant, flowering freely in clusters, for covering arbors, trellises, etc. Sow the seed in the garden where desired; tender annual; 10 feet.

- 5770 **Dolichos Mixed.** Per oz. 15 cts. . . . . 5



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VARIEGATED JAPANESE HOP.

**HUMULUS JAPONICUS.**

(Japanese Hop.)

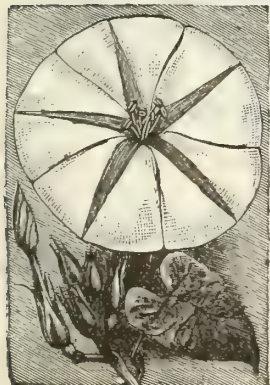
PER PKT.

- 5958 **Humulus Japonicus.** A very ornamental and fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green. .... 10
- 5960 — **Japonicus Variegatus.** A variegated variety of the Japanese Hop. The leaves are beautifully and distinctly marked with silvery-white, yellowish-white and light and dark green. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its fresh and bright variegated foliage until late in the autumn. .... 10

**IPOMŒA.**

Half-hardy annuals of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable; 15 feet.

- 5961 **Ipomœa Coccinea.** Small scarlet flowers in profusion; also known as the "Star Ipomœa." .... 5
- 5963 — **Bona Nox (Evening Glory).** Violet, large, fragrant flowers, expanding in the evening. .... 5
- 5964 — **Rubro-cœrulea (Heavenly Blue).** Immense flowers of bright sky-blue, very beautiful. .... 10
- 5967 — **Grandiflora (Hybrid Moon Flower).** At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers 5 to 6 inches in diameter. It grows very rapidly, and will cover a large surface. Per oz. 75 cts. .... 10
- 5966 — **Huberi.** New Japanese hybrids; some have silvery-white, marbled foliage, and all with large trumpet-shaped flowers, beautifully margined, of various colors; mixed, all colors. Per oz. 40 cts. .... 10



HYBRID MOON FLOWER.

- 5962 — **Setosa (New Brazilian Morning Glory).** Flowers 3 inches or more across, of a beautiful rose color, borne in large clusters very freely from July to frost. .... 10

- 5968 — **(Mina) Sanguinea.** A beautiful and rapid-growing climber; much finer than the Mina Lobata and as certain to flower, producing innumerable brilliant blood-red flowers; decidedly one of the best climbers recently introduced. .... 10

- 5970 — **Mixed.** All colors. Per oz. 30 cts. .... 5

**ICE PLANT.**

PER PKT.

- 6092 Interesting trailing plant, with thick, succulent foliage, covered with transparent globules, which give it the appearance of being covered with ice crystals; fine for baskets, vases, etc. Half-hardy annual. .... 5

**IBERIS.**

(Hardy Perennial Candytufts.)

- 5388 **Iberis Sempervirens.** A profuse white blooming hardy perennial, adapted for rockeries, baskets, etc., coming in flower early in the spring; 1 foot. .... 10
- 5379 — **Gibraltarica Hybrida.** Very fine species with white flower shading off to lilac. 1 foot. .... 10

**IMPATIENS.**

Charming plants for the decoration of the greenhouse or dinner table, producing their bright waxy-looking flowers profusely and almost continuously. The young seedlings should be repotted when about an inch high and very carefully handled, as they are exceedingly brittle at the outset.

- 5984 **Impatiens Sultani.** Flowers of a brilliant rosy-scarlet color. .... 15
- 5976 — — **"Queen Carola."** This is a charming variety, with salmon rose-colored flowers. .... 25
- 4012 — — **Hybrida.** Remarkably beautiful hybrids of this much admired plant in varying shades of color, from delicate pink to the deepest red. .... 25

**IRIS (Fleur-de-Lis).**

Hardy perennial, tuberous-rooted, early spring blooming garden plants, growing about 2 feet high, with large ornamental flowers of the richest colors.

- 5982 **Iris, Mixed.** .... 10



IMPATIENS SULTANI.

**KALANCHOE.**

- 5983 **Kalanchoe Carne.** This beautiful decorative plant commences to flower at Christmas and continues in bloom throughout January and February. Its bright and pleasing color is very attractive during the dull winter months. The flowers are wax-like, last a long time in perfection, are of a beautiful delicate pink color, and, in addition, are deliciously fragrant. .... 25

**KAULFUSSIA.**

Desirable compact dwarf free-flowering plants, resembling single Asters; hardy annual; 6 inches.

- 5986 **Kaulfussia, Mixed.** Blue, crimson, rose, etc. .... 5



**KENILWORTH IVY.**

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

PER PKT.

6015 **Linaria Cymbalaria.** Lavender and purple...10

**LAPAGERIA ROSEA.**

5991 A fine herbaceous climber, with large elegant tubular bright rose flowers.....25



STOCK FLOWERED.

CANDELABRA FLOWERED.

**LARKSPUR.**

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms, and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Hardy annuals.

- 5710 **Larkspur, Dwarf German Rocket.** Finest double mixed; 1 foot. Per oz. 30 cts. .... 5  
 5713 — **Double Dwarf Candelabra Flowered.** Shaped like a candelabra; mixed colors; 1 foot. .... 10  
 5711 — **Double Stock Flowered.** A tall-branching variety, with beautiful long spikes of flowers; 2 feet... 5  
 5716 — **Imperiale Flore Pleno** (*Emperor Larkspur*). Of symmetrical bushy habit, with a profusion of brilliant dark-blue, red-striped and tri-color flowers. 5  
 5709 **Collection of Dwarf Rocket Larkspur;** 10 varieties. .... 40  
 5719 **Collection of Stock Flowered Larkspur;** 8 varieties. .... 40

**LANTANA.**

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads, and changing in hue; 2 to 5 feet.

5990 **Lantana, Mixed.** ..... 10

**LAVENDER.**

6013 Well-known sweet-scented hardy perennial; should be extensively grown in the mixed border; 3 feet. .... 5



LEPTOSYNE MARITIMA.



LINUM COCCINEUM.



EVERLASTING PEA.

**LATHYRUS.**

(Everlasting Pea.)

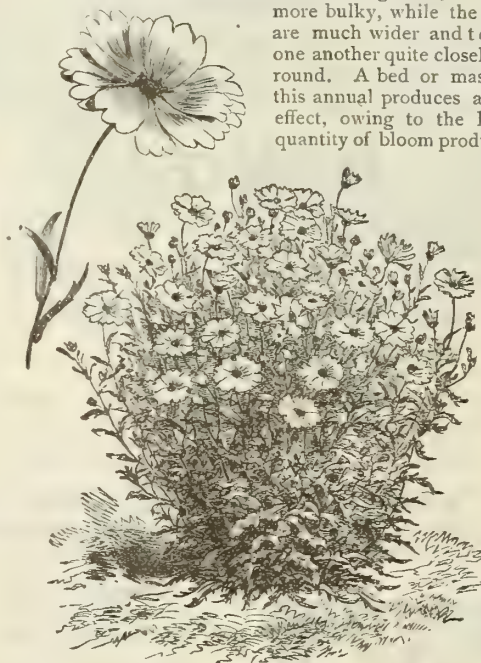
Showy, free-flowering plants, for covering old stumps, fences, etc.; hardy perennials; 5 feet.

PER PKT.

- 6010 **Lathyrus Latifolius, Mixed.** Flowers purple and white. Per oz. 60 cts. .... 5  
 6008 — **Latifolius Alba.** Pure white, very desirable..10

**LAVIA.**

- 5992 **Lavia Elegans.** A pretty and attractive little hardy annual that ought to be more generally grown, if only for cut-flower purposes. The rays of the flower heads are trifid and bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. A bed or mass of this annual produces a fine effect, owing to the large quantity of bloom produced 5



LAVIA ELEGANS.

**LEPTOSYNE.**

Showy profuse-blooming annual, bearing large yellow flowers resembling a Single Dahlia. It thrives in any good soil, and is a very desirable plant.

6011 **Leptosyne Maritima.** Large golden yellow...10

**LINUM.**

One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems.

- 6017 **Linum Coccineum.** Brilliant scarlet crimson; hardy annual; 1 foot. .... 5  
 6018 — **Flavum.** Golden yellow perennial. .... 5



## Lobelia.

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November; half-hardy annuals. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers in the autumn.

PER PKT.

### Compacta Varieties. 4 to 6 inches.

- 6023 **Lobelia, Crystal Palace Compacta.** Rich deep blue; the finest for bedding.....10  
 6032 — **Prima Donna.** Dwarf and compact, with rich velvety crimson maroon flowers.....10  
 6021 — **White Gem.** Forms a perfect ball of snow-white flowers; very charming appearance.....10  
 6024 — **Emperor William.** A very compact variety with fine sky-blue flowers.....10  
 6026 — **Golden Queen.** Golden-yellow leaves and brilliant blue flowers. This striking novelty is entirely distinct, and will prove a most valuable variety for bedding or edgings as well as for pot culture.....10  
 6029 — **Pearl.** Pure white, edged blue, a lovely flower.....10  
 6030 — **Mixed Compacta Varieties.**.....10



LOBELIA, CRYSTAL PALACE COMPACTA.

### Lobelia, Erinus Varieties.

Trailing varieties suitable for hanging baskets, vases, etc. 6 to 10 inches.

- 6022 **Lobelia Speciosa.** Ultra-marine blue.....5  
 6025 — **Speciosa Alba.** Pure white.....5  
 6034 — **Gracilis.** Light blue, spreading.....5  
 6033 — **Paxtoniana.** Pure white with blue edge.....5  
 6027 — **Duplex.** Double blue.....10

### Lobelia, Perennial Varieties.

- 6028 **Lobelia Cardinalis** (*Cardinal flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet.....10  
 6031 — **Cardinalis Hybrids.** Flowers large and resemble *Cardinalis*, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; hardy perennials; 2 feet.....15

## LUPINUS.

Ornamental free-flowering easily grown garden plants, with long, graceful spikes of rich and various-colored pea-shaped flowers; valuable for mixed flower borders and beds.

- 6037 **Lupinus, Mixed Annual.** All colors of annual varieties; 2 feet. Per oz. 25 cts.....5

## LOPHOSPERMUM.

Highly ornamental climber, with showy, fox-glove-like flowers; half-hardy annual; 10 feet.

- 6035 **Lophospermum Scandens.** Rosy purple... 10



LYCHNIS HAAGEANA.

## LYCHNIS.

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.

PER PKT.

- 6042 **Lychnis Chalcedonica Coccinea.** Fine scarlet flowers; 2 feet.....5  
 6040 — **Haageana, Mixed.** Brilliant orange, scarlet, crimson, etc.; 1 foot.....10  
 6050 — **Mixed.** All colors and varieties. Per oz. \$1.00. 5

## Marigold.

A well-known free-flowering plant, of easy culture, with rich and beautiful double various-colored flowers. The African is best for large beds; the French for small beds or as a foreground for taller plants; half-hardy annuals. See also *Calendula* and *Tagetes*.



LARGE AFRICAN MARIGOLD.

- 6057 **Gold Striped.** Very double dwarf, deep brownish red, striped golden yellow.....10  
 6058 **El Dorado.** Flowers very large, imbricated and extremely double. Colors in all shades of yellow....10  
 6062 **Gold Nugget.** Dwarf dense growth and immense double flowers, which are of a peculiar shade of golden yellow.....10  
 6060 **Large African.** Tall, double, orange, brown and yellow, mixed; 2 feet. Per oz. 40 cts.....5  
 6070 **Dwarf French.** Fine colors, mixed; very double; 1 foot. Per oz. 50 cts.....5  
 6059 **Collection of Double French Marigolds,** 6 varieties.....25



**MATRICARIA.**

Free-flowering hardy plants, succeeding in any garden-soil; a fine bedding plant or for pot-culture; blooms until frost; hardy annual; 18 inches.

- 5833 **Matricaria Crispa** PER PKT  
(*Double White Feverfew*). Handsome double white flowers and densely curled foliage .....10



DOUBLE WHITE FEVERFEW.

**MARVEL OF PERU.**

The well-known "Four O'Clocks." A handsome, free-flowering garden favorite; half-hardy perennial; blooming the first season from seed.

- 6080 **Marvel of Peru Mixed.** Beautiful colors; 2 feet. Per oz. 15 cts.... 5

**MARTYNIA.**

The seed pods are used for pickling, when gathered young and tender. The flowers are borne freely, and the peculiar shape of the pods makes it an attractive plant for the flower garden.

- 6076 **Martynia Fragrans.** Light blue. Oz. 30 cts... 5

**MAURANDIA.**

Beautiful, rapid, slender growing plants, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet.

PER PKT.

- 6085 **Maurandia Albi-flora.** Pure white.....10  
6086 — **Barclayana.** Purple10  
6087 — **Rosea.** Dark rose..10  
6090 — **Mixed.** All colors.. 5



MAURANDIA.

**MIGNONETTE.**

A well-known fragrant favorite. If the plants are thinned out they will grow stronger and produce large spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing at intervals; hardy annuals.

- 6100 **Mignonette Sweet-Scented** (*Odorata*). The old variety with small spikes. Per oz. 15 cts..... 5  
6101 — **Large-Flowering Pyramidal.** Flowers large, of a reddish tint. Per oz. 30 cts.... 5  
6098 — **Gabrielle.** A very pretty sort, bearing large spikes of red flowers ..... 5



MACHET MIGNONETTE.

- 6106 **Mignonette, Golden Queen.** Golden yellow flowers of dense pyramidal growth. Per oz. 50 cts... 5  
6102 — **Parson's White.** Large spikes, pure white and very fragrant. Per oz. 50 cts..... 5  
6105 — **Miles' Hybrid Spiral.** Of dwarf branching habit, with spikes from 8 to 10 inches long, very fragrant; excellent for market purposes. Per oz. 50 cts.. 5  
6103 — **Dwarf Compact.** A dwarf robust variety, 10 inches high and 18 inches in diameter, covered with large spikes of reddish-tinted flowers.....10  
6108 — **"Machet."** Well adapted for pot-culture; dwarf pyramidal growth bearing numerous flower stalks; one of the best. Per oz. 75 cts.....10  
6099 — **Red Victoria.** A distinct variety of dwarf branching habit, with large trusses of deep red flowers.....10  
6110 — **Improved Victoria.** A charming new compact growing variety of dense pyramidal habit, growing about six inches high. The flowers are large and of a more brilliant red than in the old Victoria Mignonette. A most useful and desirable variety for pot culture, as well as for the garden. ....10  
6109 **Collection of 10 varieties Mignonette**.....50

**MIMULUS.**

(Monkey Flower.)

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur, and yellow grounds, spotted with crimson, scarlet and pink, fine for greenhouse, or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early; 1 foot.

- 6111 **Mimulus.** Fine mixed spotted varieties. .... 5  
6113 — **Moschatus** (*Musk Plant*). Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage..... 5

**MUSA.**

(Abyssinian Banana.)

A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse.

- 6131 **Musa Ensete** (*Abyssinian Banana*). Tender perennial, 10 to 20 feet. .... 25



**MESEMBRYANTHEMUM.**

Dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy, or sandy soil, requiring a warm, sunny situation; half-hardy annuals; 6 inches.

- 6092 *Mesembryanthemum Crystallinum* (Ice Plant). Flowers white; prized for its singular icy foliage. Per oz. 50 cts. . . . . 5  
 6093 — *Tricolor* (Wax Plant). Various colors. . . . . 5  
 6094 — *Cordifolium Variegatum*. A half-hardy perennial trailing variety, with handsome variegated foliage, and bright rosy-colored flowers. . . . . 10



MINA LOBATA.

**MINA LOBATA.**

- 6115 Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object. Seed should be sown in January or February. . . . . 10

**MYOSOTIS.**

(Forget-me-not.)

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early.

- 6121 *Myosotis Alpestris Cœrulea*. Bright blue; 6 inches. . . . . 5  
 6122 — *Alpestris Alba*. Pure white; 6 inches. . . . . 5  
 6127 — *Eliza Fanrobert*. New, large flowering, bright blue; remarkably fine and distinct. . . . . 5  
 6128 — *Alpestris Victoria*. Of bushy habit, bearing large bright azure-blue flowers; very fine. . . . . 10  
 6130 — *Nana Aurea*. Of dwarf habit, foliage golden yellow, which contrasts prettily with its rich blue flowers. . . . . 10  
 6125 — *Dissitiflora*. Compact habit, profuse bloomer; exquisite blue; an attractive bedding plant; 6 inches. . . . . 10  
 6123 — *Palustris*. The true Forget-me-not; beautiful blue flowers; 6 inches. . . . . 10  
 6126 — *Palustris Semperflorens*. A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches. . . . . 10

**MYRSIPHYLLUM.**

(See Smilax.)

**NICOTIANA.**

- 6192 *Nicotiana Affinis*. Delightfully sweet-scented, pure white tubular flowers, blooming continually. Annual; 2 to 3 feet. . . . . 10  
 6193 — *Colossea*. New giant, immense foliage. . . . . 15



NEMOPHILA INSIGNIS.

**NEMOPHILA.**

Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich a soil; hardy annuals.

- 6180 *Nemophila Insignis*. Beautiful light blue, mixed varieties. Per oz. 25 cts. . . . . 5

**NIEREMBERGIA.**

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

- 6195 *Nierembergia Frutescens*. White, tinted with lilac. . . . . 10

**NIGELLA.**

(Love in a Mist, or Devil in the Bush.)

A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; 1 foot.

- 6200 *Nigella Damascena*. Blue and white mixed. . . . . 5



NICOTIANA AFFINIS.

**OXALIS.**

Beautiful small plants, suitable for the greenhouse, rock-work, or out-door culture; flowering the first year if sown early; blooms in clusters; half-hardy perennial; 9 inches.

- 6206 *Oxalis Alba*. Pure white. . . . . 10  
 6207 — *Rosea*. Rose-colored. . . . . 10  
 6208 — *Tropæoloides*. Very desirable border plant, flowers deep yellow, foliage dark green. . . . . 10  
 6209 — *Valdiviana*. Pure yellow. . . . . 10





## NASTURTIUM.

### Dwarf Varieties.

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. Hardy annuals; 1 ft.

	PER OZ.	PKT.
6144 <b>Aurora.</b> Primrose to pale pink and carmine.....	25	5
6136 <b>Beauty.</b> Yellow, striped red.	25	5
6154 <b>Cloth of Gold.</b> Scarlet flowers and yellow foliage.....	25	5
6146 <b>Crystal Palace Gem.</b> Sulphur, maroon spot.....	25	5
6153 <b>Empress of India.</b> Dark-leaved with crimson flower.....	25	5
6142 <b>Golden King.</b> Brilliant yellow.....	25	5
6147 <b>King of Tom Thumbs.</b> Scarlet, dark foliage.....	25	5
6152 <b>King Theodore.</b> Dark maroon, bluish green foliage.....	25	5
6155 <b>Lady Bird.</b> Orange yellow, red spots.....	25	5
6143 <b>Pearl.</b> Creamy white.....	25	5
6145 <b>Rose.</b> Soft rose, very distinct..	25	5
6151 <b>Ruby King.</b> Crimson rose, distinct foliage.....	25	5
6150 <b>Dwarf Mixed.</b> $\frac{1}{4}$ lb. 40 cts.	15	5

6149 Collection of Dwarf Nasturtiums, 12 varieties....50  
6159 Collection of Climbing Nasturtiums, 12 varieties....50

See page 74 for Tropæolums.

### Tall Varieties.

Elegant and luxuriant climbers for verandas, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling; half-hardy annuals; 6 to 10 feet.

	PER OZ.	PKT.
6156 <b>Tall Crimson.</b> .....	20	5
6158 — <b>Chocolate.</b> .....	20	5
6157 — <b>King Theodore.</b> .....	25	5
6161 — <b>Purple.</b> .....	20	5
6162 — <b>Orange.</b> .....	20	5
6164 — <b>Pearl.</b> White.....	25	5
6166 — <b>Rose.</b> .....	20	5
6167 — <b>Scarlet.</b> .....	20	5
6175 — <b>Lemon Yellow.</b> .....	20	5
6168 — <b>Yellow.</b> .....	20	5
Spotted crimson.....	20	5
6163 — <b>Straw.</b> .....	20	5
Striped scarlet.....	20	5
6169 — <b>Scarlet and Gold.</b> .....	20	5
Foliage bright golden yellow; flowers scarlet; very effective.....	40	10
6160 <b>Tall Mixed.</b> $\frac{1}{4}$ lb. 40 cts.	15	5







## PANSIES.

This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during winter; these flower early in the spring. The plants from spring sowing should be

planted in a shady border. Pansies require fresh soil, enriched with decomposed manure.

	PER PKT.		PER PKT.
6238 <b>Dreer's Royal Exhibition.</b> This strain comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. It is the result of many years' careful selection and hybridization, and embraces all the attractive features that tend to make the Pansy the people's flower. $\frac{1}{12}$ oz. \$1.00.....	50	6257 <b>Giant Prize, White.</b> .....	25
6220 <b>Dreer's Premium.</b> Seed saved from first-class flowers only; beautiful colors mixed. $\frac{1}{8}$ oz. 75 cts.....	25	6242 <b>Belgian Striped.</b> A lovely class bearing beautiful flowers of various shades and stripes.....	10
6222 <b>Odier (Five-blotched).</b> A beautiful strain of various colored large, handsome, perfectly formed flowers. $\frac{1}{8}$ oz. \$1.00.....	25	6221 <b>Emperor William.</b> Large handsome flowers borne in great profusion well above the foliage, brilliant ultramarine blue, with a purple violet eye.....	10
6217 <b>French Large Stained.</b> Very beautifully marked varieties in finest mixture, from a celebrated French grower.....	25	6231 <b>Lord Beaconsfield.</b> A splendid sort; flowers deep purple violet, shading to white on the upper petals.....	10
6216 <b>Bugnot's Superb Blotched.</b> A beautiful new class with extra large flowers in great diversity of colors.....	50	6229 <b>Victoria.</b> A very effective variety, with rich velvet-like petals of a bright claret color, the nearest approach to a scarlet in Pansies.....	25
6218 <b>Peacock.</b> A striking variety; the upper petals being of a beautiful ultramarine blue, while the lateral and lower are of a deep claret, with white margins.....	25	6223 <b>Faust (King of the Blacks).</b> Almost black, the darkest pansy known.....	10
6219 <b>Giant Prize Trimardeau.</b> Large flowering varieties in finest mixture.....	15	6228 <b>Snow Queen (Candidissima).</b> Very large, satiny white, light yellow centre.....	10
6244 <b>Giant Prize, Striped.</b> .....	25	6233 <b>Gold Margined.</b> All colors.....	10
6255 — <b>Black</b> .....	25	6236 <b>Havana Brown</b> .....	10
6256 — <b>Yellow</b> .....	25	6232 <b>Mahogany Colored</b> .....	10
		6225 <b>Light Blue</b> .....	10
		6224 <b>Purple.</b> Rich purple, white edged.....	10
		6227 <b>White</b> .....	10
		6226 <b>Golden Yellow</b> .....	10
		6241 <b>Yellow Gem.</b> Pure yellow, without eye.....	10
		6243 <b>Bronze Colored</b> .....	10
		6230 <b>English Finest Mixed.</b> Per oz. \$3.00.....	10
		6240 <b>Good Mixed.</b> All colors. Per oz. \$1.50.....	5
		6239 <b>Collection of Pansies, 12 choice varieties.</b> .....	\$1.00

The Pansies grown from the seed you sent me last year were simply splendid, and gave me more satisfaction and pleasure than all my other flowers combined.

L. A. VAUGHN, Winston, N. C., July 23, 1894.





CROSS FERTILIZING PETUNIAS AT OUR NURSERIES AT RIVERTON. (From a Photograph.)

We have long been celebrated for our magnificent strains of double and single Petunias, which we endeavor to improve from year to year by careful hybridization and selection.

## PETUNIA.

For out-door decoration or house culture few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single-striped, mottled and double varieties have been greatly improved. The strains we offer of our own growing, we can safely say without contradiction, are the best that can be procured either in this country or in Europe.

- PER PKT.
- 6284 **Dreer's Double Large Flowering.** Beautiful varieties in finest mixture..... 25
- 6280 **Dreer's Double Large Flowering Fringed.** Saved from our own unrivaled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints..... 50
- 6290 **Dreer's Single Large Flowering Fringed.** A choice selection; the flowers are of very large size and beautiful shape, deep throated, and of varied and brilliant colors, many being beautifully fringed..... 25
- 6285 **Giants of California.** Flowers very large, in great variety of colors and markings, with broad deep yellow throats, veined..... 25
- 6286 **Clematis-Flowered.** A distinct form of this popular flower, the rich purple-blue of one of the varieties bearing a striking resemblance to the Clematis Jackmanii. Dark and light blue mixed..... 25
- 6275 **Dwarf Inimitable.** Star Petunia, beautiful compact growing variety, flowers cherry-red with a white centre..... 10
- 6274 **Pure White, Single.** Desirable for cemetery beds, or where large masses of white are wanted..... 10
- 6300 **Striped and Blotched, Mixed.** All colors. Per oz. \$1.00..... 10
- 6310 **Fine Mixed.** Oz. 75 cts..... 5
- 6299 **Collection of Petunia, Large-flowering Single, 12 varieties**..... \$1.00
- 6309 **Collection of Petunia, Double Fringed, 12 varieties**..... \$1.25

It is well known that the double Petunia grown from seed produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers.

## PASSIFLORA.

(Passion Flower.)

Indispensable climbing plants, for the garden or greenhouse, bearing a profusion of attractive flowers.

PER PKT.

- 6250 **Passiflora Mixed.** Choice varieties..... 20
- 6248 — **Insignis (Tacsonia).** Remarkable for its magnificent flowers, which measure from 6 to 8 inches across; color crimson purple; filaments blue mottled with white..... 25

## PARDANTHUS.

(Blackberry Lily.)

A hardy perennial, bearing showy lily-like flowers.

- 6254 **Yellow, Red and Orange Spotted**..... 10

## PENTSTEMON.

One of our most beautiful and attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early in March, and planted out in May; half-hardy perennials; 2 feet.

- 6260 **Pentstemon, Mixed.** Crimson, purple, etc. 10



PENTSTEMON.

I have had single Petunias from you for many years, but never had them so good as this season. The strain is first class.  
B. T. Graves, Montreal, Canada, June 12, 1894.





PHLOX DRUMMONDI GRANDIFLORA.

## Phlox Drummondii.

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length of duration in bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual;  $1\frac{1}{2}$  ft.

PER PKT.

6330 Mixed Colors. Per oz. 50 cts. . . . .05

### Large Flowering Varieties.

6331 Pure White	10
6332 Brilliant Scarlet	10
6333 Blood Red	10
6334 Rosy Carmine	10
6336 Crimson, Striped	10
6337 Crimson White Eye	10
6338 Yellow	10
6340 Mixed Large Flowering.	Per oz. 75 cts. 10
6349 Collection of 12 choice varieties, separate.	75

### Dwarf or Nana Compacta Phlox.

This new strain is of a dwarf, compact habit, and makes desirable pot plants, also for ribbon lines and massing; 10 inches in height.

6343 Dwarf Scarlet ( <i>Fireball</i> )	10
6345 — White ( <i>Snowball</i> )	10
6346 — Fair Maid. Delicate fleshy pink, shading to a rich crimson in the centre.	10
6347 — Rose	10
6350 — Mixed. Per oz. \$4.00	10
6359 Collection of 6 choice dwarf varieties	50
6351 Star-shaped Phlox ( <i>Star of Quedlinburgh</i> ). Of dwarf habit, with very pretty star-shaped flowers. A novel and beautiful variety; mixed colors.	10
6354 Double White Phlox Drummondii. A profuse bloomer, and of great value for bouquets, as it blooms at a season when white flowers are especially desirable. About 60 per cent. of the seed sown will produce double flowers.	10
6353 Double Scarlet Phlox Drummondii. More compact than the single-flowered, while the trusses and the individual flowers are equal in size to those of the dwarf varieties.	10
6341 Double Yellow Phlox Drummondii. Of late years several semi-double varieties of the Phlox Drummondii have been introduced. The variety now offered has pale yellow flowers, very pretty, with a slight perfume. To produce the best double flowers, Phloxes should be grown in a light soil.	10
6355 Phlox Decussata. Hardy herbaceous perennials; all colors, mixed.	10

## PERILLA.

The foliage of this plant is exceedingly elegant, of a very dark purple color, and produces a charming contrast with silvery-leaved plants; growing freely in any soil; half-hardy annual;  $1\frac{1}{2}$  feet.

PER PKT.

6265 *Perilla Nankinensis* . . . . .5

## PHACELIA.

6317 *Phacelia Campanularia*. A very attractive hardy annual of spreading habit, covering about a foot of ground. Large, rich, deep blue funnel-shaped flowers. . . . .10

## PHYSIANTHUS.

(Cruel Plant.)

A rapid-growing climber, bearing bell-shaped flowers which are covered with a gummy substance. Butterflies and other insects which alight thereon are unable to free themselves.

6358 *Physianthus Albens*. Pure white. . . . .10

## PLATYCODON.

(Wahlenbergia.)

Hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

6360 *Platycodon, Mixed*. Blue and white. . . . .106361 — *Mariesi*. Large, open, bell-shaped flowers of a rich violet blue, beautiful. . . . .10

## POLYANTHUS.

(Primula Elatior.)

Showy, early spring, free-flowering plants, fine for either pot or out-door culture; hardy perennials; 9 inches.

6362 *Polyanthus, English*. The best single, all colors mixed. . . . .106363 — *Duplex*. Double hose-in-hose, beautiful colors mixed. . . . .256364 — *Gold Laced*. Very showy and attractive. . . . .20

DOUBLE PORTULACA.

## Portulaca.

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam, or sandy soil, and luxuriating in an exposed, sunny situation; the flowers are of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings, or rock-work; 6 inches.

6400 *Single Mixed Colors*. Per oz. 40 cts. . . . .56410 *Double Mixed*. Flowers perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. . . . .106409 *Imported Collection* of 8 double varieties. . . . .75



# POPPIES.

A great advance has been made in recent years in the development of the Poppy, which has brought it into deserved popularity, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period.

## DOUBLE ANNUAL POPPIES.

- 6378 **Poppy American Flag.** Beautiful new variety; flowers very large and double, snow white, bordered with scarlet. (See cut.).....10
- 6386 — **Fairy Blush.** Very double flowers of a pure white color, elegantly fringed and tipped with rose.....10
- 6387 — **White Swan.** A splendid new variety with immense double flowers, beautifully fringed and of purest white.....10
- 6382 — **"Mikado" (The Striped Japanese Poppy).** This beautiful Poppy is very distinct in character and color from other forms. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum, the fringed edges being of a beautiful crimson scarlet.....10
- 6371 — **Carnation Flowered.** Splendid double fringed flowers, mixed colors. Per oz. 25 cts... 5
- 6370 — **Paeony Flowered.** Large, showy, double globular flowers; well adapted for shrubbery, etc. Mixed colors. Per oz. 20 cts..... 5
- 6393 — **Golden Gate.** Comprising an infinite variety of single, semi-double and double flowers in the greatest variety of colors.....10

## SINGLE ANNUAL POPPIES.

- 6372 **Poppy Daubrog.** A very desirable and showy variety, producing large single flowers of a brilliant scarlet, with a large silvery-white spot on each petal, thus forming a white cross..... 5
- 6384 — **Shirley.** These charming Poppies are generally single or semi-double. The range of color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson, is so varied that scarcely two are alike, while many are delicately edged and striped. The blooms, if cut when young, will stand for several days without drooping..... 5
- 6374 — **Umbrosum.** A fine variety, producing flowers of the richest vermilion, with a deep shining black spot on each petal..... 5
- 6373 — **English Scarlet.** The common field Poppy of Great Britain; dazzling scarlet flowers..... 5
- 6375 — **Peacock.** With a conspicuous glossy black zone near the centre. Very large vivid scarlet and cherry crimson flowers.....10
- 6394 — **Flag of Truce.** Satiny, white flowers, 3 to 4 inches across..... 5



"AMERICAN FLAG" POPPY.

## SINGLE POPPIES— Continued.

- 6391 **Poppy Tulip** (*Papaver glaucum*). A magnificent species from Armenia. The plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet 10
- 6376 — **Fire Dragon.** Very showy and free flowering, producing flowers of brilliant deep scarlet, with black spots margined white; 2 to 2½ ft. 10
- 6388 — **The Bride.** A beautiful new variety with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water, they will last a long time. 10
- 6380 — **Single Mixed.** Annual sorts. Oz. 20 cts. 5
- 6389 — **Imported Collection** of 12 separate varieties.....50

## HARDY PERENNIAL POPPIES.

- 6385 **Poppy Bracteatum.** Very large orange scarlet flowers, averaging five inches in diameter. 10
- 6379 — **Nudicaule** (*The Iceland Poppy*). This is one of the most useful, effective and beautiful class of plants in cultivation. They are perfectly hardy and produce an endless profusion of flowers which are most useful for cutting. They are of a very graceful, neat habit, with bright-green, fernlike foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers.....10
- 6381 — **Double Scarlet Iceland** (*Nudicaule coccinea fl. fl.*). A double-flowering form of the beautiful Iceland Poppy, producing from 40 to 50 per cent. of perfectly double bright orange-scarlet flowers. The different varieties of this lovely Poppy are amongst the most attractive of early flowering perennials, and have become very popular in all countries in the past few years.....10
- 6390 — **Oriental** (*The Large Oriental Poppy*). A charmingly showy summer-flowering plant, producing numerous leafy stems about 2½ feet high, which are covered with deep crimson flowers, having a conspicuous black blotch on each petal. This is one of the most showy and useful of this interesting and popular family.....10



SHIRLEY POPPY.

**CULTURE.**—Seeds of Poppies should be sown where the plants are intended to be grown, as they will not bear transplanting. Sow in lines or groups and thin out to about a foot apart. Sown in large clumps they present from a distance a glowing mass of color.



# PRIMULA.

## Fringed Chinese Primrose.

This charming and beautiful flowering plant is indispensable for winter or spring decorations in the home or conservatory. It is one of our most important of winter blooming pot plants. The seed we offer is of the highest merit and has as usual been saved from the best strains of English and continental growth. Sow in March, April or May.

- 6417 **Single White Fringed** ..... PER PKT. 25  
 6418 **Single Red Fringed** ..... 25  
 6430 **Finest Mixed. Fringed**..... 25  
 6425 **Alba Magnifica.** The finest pure white, with bright yellow eye, beautifully fringed. .... 50  
 6441 **Chiswick Red.** Large fringed brilliant scarlet... 50  
 6427 **Williams' Superb, Mixed.** This strain of English Primula contains the finest varieties and colors. .... 50  
 6442 **Princess Louise (New).** Splendid white, large flowers of good substance with peculiar metallic lustre of surface. 50  
 6421 **Punctata Elegantissima.** Crimson, spotted white ..... 50  
 6422 **Kermesina Splendens.** Crimson, yellow eyes..... 50  
 6424 **Carters' Holborn Blue.** This variety requires more heat for its successful culture than the other varieties. Any check to its growth should be carefully avoided..... 50  
 6440 **Fern-Leaved, Finest Mixed** ..... 50  
 6429 **Collection of Chinese Primrose, 12 fringed varieties**.....\$1.25  
 6439 **Collection of Chinese Primrose, 6 fringed varieties**.....75



PRIMULA CORTUSOIDES AMÆNA.

## DOUBLE CHINESE PRIMROSE.

The following double-fringed Chinese Primroses are very fine and can be highly recommended.

- 6428 **Alba.** Double white... PER PKT. 50  
 6450 **Double Mixed.** All colors..... 50  
 6449 **Collection of Primula,** 6 double flowering....\$1.25

## HARDY PRIMROSES.

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.

- 6433 **Primula Cortusoides Amœna.** A charming variety bearing dark crimson flowers with distinct white eye..... 10  
 6435 **Primrose, Dean's Hardy Hybrids.** These very beautiful hardy plants are similar in growth to the common yellow Primrose, but produce myriads of flowers in the richest shades of color..... 25  
 6434 **Primula Floribunda.** This is one of the prettiest and best of the Primroses, and is of the same general character and type as *P. Obconica*, differing only in color of the flower, which is a lovely shade of primrose yellow. Very fragrant and free blooming; will thrive under window cultivation..... 25  
 6432 **Primula Japonica (Japanese Primrose).** Bright and showy flowers, borne in whorls on stems 6 to 9 inches long; mixed colors. 10  
 6423 — **Obconica.** A profuse blooming Primrose, bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. It is in all respects a lovely flower, in bloom continuously..... 15  
 6415 — **Veris (English Cowslip).** Flowers of different colors, yellow, brown, and yellow edged, etc.; very fragrant; 6 inches..... 5  
 6431 — **Vulgaris.** The common yellow English Primrose; flowers fragrant and of a light canary-yellow color..... 10



CHINESE PRIMULA.



PRIMULA OBCONICA.

We have had grand good luck with your Chinese Primula, Pansy and Cineraria seeds, and now have a grand show of flowers.

S. NORTON, Hokendauqua, Pa., Jan. 30, 1894.

I have been growing plants for both private and commercial use for the last twenty-five years and I have never seen a better strain of Primulas and Petunias, either in this country or in Europe, than yours. They are superb.

JAMES KIRBY, Manchester, N. H., Jan. 29, 1894.

I took first prize for Pansy plants grown from your seed last fall, in competition here.

G. HERBERT HAZZARD, Charlottetown, P. E. Island, Canada, March 6, 1894.





DOUBLE PYRETHRUM.

## Pyrethrum.

Handsome herbaceous plants of easy culture. *P. Aureum* is the well-known Golden Feather so much used for carpet bedding, edging, etc. From the flowers of *P. Roseum* is obtained Persian Insect Powder or Buhach of California. *P. Tchihatchewi* is valuable for obtaining verdure on poor soils, forming a mosslike turf, even under trees. *P. Hybridum* and varieties are amongst the handsomest of hardy flowering herbaceous plants.

PER PKT.

6453 **Pyrethrum Aureum** (*Golden Feather*). Bright yellow foliage. Oz. 75 cts. .... 5

6454 — **Aureum Laciniatum**. An improved Golden Feather. Foliage finely fringed. .... 10

6457 — **Roseum** (*Persian Insect Powder Plant*). Flowers bright rose. 1½ feet. .... 10

6459 — **Tchihatchewi**. Valuable for obtaining verdure on poor soils. Oz. 75 cts. .... 5

6458 — **Hybridum**. Large Flowering Single Mixed. Hardy perennial bearing large Aster-shaped flowers ranging in color from light pink to deep red, with bright yellow centres. 2 feet. .... 10

6456 — **Hybridum fl. pl.** Large Flowering Double Mixed. Beautiful colors, mixed. 1½ feet .... 25

## RICINUS.

(Castor Oil Bean.)

Ornamental plants of stately growth and picturesque foliage, with brilliant-colored fruit, producing a sub-tropical effect; fine for lawns, massing, or centre plants for beds; half hardy annuals.

6471 **Ricinus Borboniensis**. Very large and beautiful foliage; 15 feet. .... 5

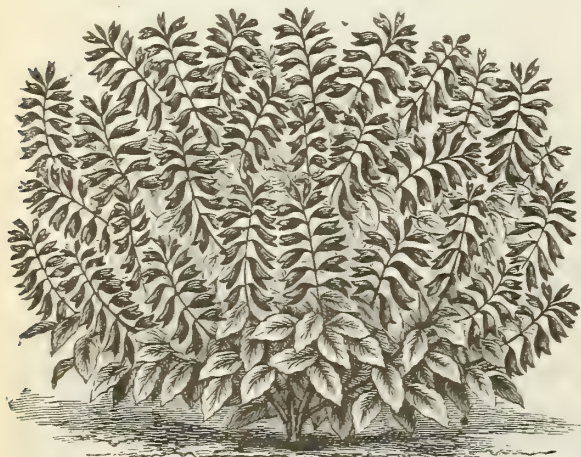
6472 — **Gibsoni**. Dwarf branching habit, deep red foliage; 5 feet. .... 5

6476 — **Cambodgensis**. The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effect may be obtained when planted in groups. .... 10

6474 — **Philippiensis**. A variety from the Philippines, with beautiful gigantic foliage; 10 feet. .... 5

6473 — **Sanguineus**. Blood-red stalks and clusters of red fruit; 8 feet. .... 5

6480 — **Mixed Varieties**. Per oz. 20 cts. .... 5



NEW DWARF SALVIA, CLARA BEDMAN.



RICINUS CAMBODGENSIS.

## RHODOCHITON.

A charming greenhouse climber, producing abundantly on long, graceful stems flowers of a rich claret red color. It will flower the first year from seed, and may be planted in the garden when the weather becomes warm.

PER PKT.

6462 **Rhodochiton Volubile**. 10 feet. .... 25

## RUDBECKIA.

(Texas Cone Flower.)

Very showy robust growing plants of the easiest culture, bearing large flowers, and continuing in bloom a long time, one of the finest of autumn flowering plants.

6482 **Rudbeckia Newmani**. Bright yellow petals surrounding a large black cone; a showy flower; hardy perennial. .... 10

## ROSE.

6366 **Dwarf Polyantha or Fairy**. It has been demonstrated that these very popular and beautiful miniature Roses may be easily raised from seed to produce plants that will bloom freely the first summer, if sown early in hot beds or in boxes in the house and afterwards transplanted; thus adding a new interest and pleasure to the cultivation of these charming plants. They are of dwarf, compact growth, free blooming and ever-blooming. They are entirely hardy, and most desirable for summer bedding or for pot culture in winter. .... 15

## SALVIA.

(Flowering Sage.)

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; 3 feet.

6493 **Salvia Splendens** (*Scarlet Sage*). Beautiful bright scarlet. ¼ oz. 50 cts. .... 10

6501 — **Splendens Grandiflora**. An improved large-flowering variety, with brilliant scarlet flowers. .... 10

6502 — **Coccinea**. Scarlet, very free-flowering. .... 10

6499 — **Lactea**. New, milk-white. .... 10

6494 — **Patens**. Superb deep blue. .... 15

6496 — **Argentea**. Beautifully ornamental silvery foliage plant, with spikes of white flowers. .... 10

6495 — **Clara Bedman**. This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush about 2 feet high by 2 feet in diameter. Its erect spikes of miniature flowers of a brilliant scarlet color stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. .... 10





STEVIA SERRATA.



SCHIZANTHUS, OR BUTTERFLY FLOWER.



SCABIOSA, DOUBLE MIXED.

**SABBATTIA.**

A charming plant for border or greenhouse. It bears very attractive flowers, which remain perfect for several days when cut and emit a delicate fragrance.

PER PKT.

- 6483 **Sabbattia Campestris.** Bright rose pink.  
Annual ..... 20

**SALPIGLOSSIS.**

Free blooming plants, with curiously and beautifully pencilled and marbled funnel-shaped flowers; of easy culture, requiring a light, rich soil; half-hardy annual; 1½ feet.

- 6485 **Salpiglossis.** All colors, mixed..... 5

**SANVITALIA.**

A valuable dwarf bedding plant; fine for rockeries, etc.; flowers during summer and autumn months, thriving best in a light, rich soil; hardy annual; 6 inches.

- 6492 **Sanvitalia Procumbens.** Double golden yellow..... 5

**SCHIZANTHUS.**

(Butterfly Flower.)

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden; of easy culture; half-hardy annual.

- 6525 **Schizanthus.** Mixed..... 5

**SEDUM.**

(Stonecrop.)

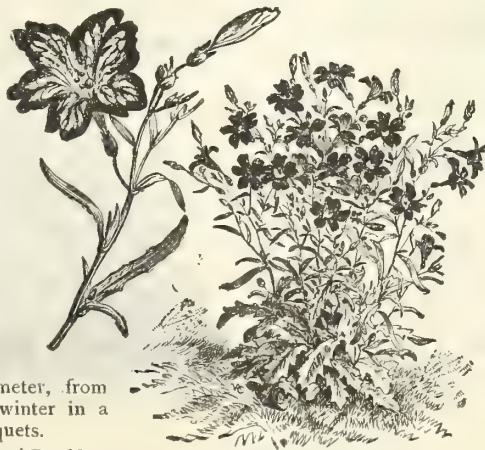
A pretty and useful little plant, growing freely on rock or rustic work, hanging-baskets, etc.; during the summer they expand their brilliant star-shaped flowers in profusion; mixed colors and varieties; hardy perennial; 3 inches.

- 6540 **Sedum Mixed.** ..... 10

**SENECIO.**

A showy free-flowering hardy annual. It produces in great profusion branching spikes of bright magenta-colored Cineraria-like double flowers, 1½ inches in diameter, from spring until fall, and will bloom all winter in a cool greenhouse. Excellent for bouquets.

- 6550 **Senecio Elegans, fl. pl. (Double Jacobaea)**..... 5



SALPIGLOSSIS, LARGE-FLOWERING.

**SCABIOSA.**

(Mourning Bride, or Sweet Scabious.)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual.

PER PKT.

- 6510 **Scabiosa Tall Mixed.** Double, all colors; 2 feet. Oz. 40 cts. .... 5  
6520 — **Dwarf Mixed.** Double, all colors; 1 foot.... 5  
6505 — **Double White (Snowball).** 2 feet..... 5  
6508 — **Double Yellow.** A new color which has been perfected after many years' careful selection. The plants are dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden yellow..... 10  
6506 — **Caucasia.** One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet..... 10  
6507 **Collection of six varieties.**..... 25

**SENSITIVE PLANT.**

(Mimosa.)

Curious and interesting plants, with pinkish white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand; tender annual.

- 6555 **Mimosa Pudica.** 1½ feet. Oz. 50 cts. .... 5

**SMILAX.**

(Myrsiphyllum Asparagoides.)

- 6134 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decoration it is indispensable. Soak the seed in warm water twelve hours and plant in pots, in hot-bed or greenhouse, in February, and keep in moist place. Tender perennial climber; white; 10 feet. Oz. 75 cts. 10

**STEVIA.**

Free-blooming plants, bearing a multitude of fragrant flowers; suitable for summer or winter blooming.

- 6622 **Stevia Serrata.** Pure white..... 10



## STOCKS.

The Stock is one of the most popular plants, either for bedding, or pot culture; for brilliancy and diversity of color or profusion and duration of bloom it is unsurpassed. Of delightful fragrance. For early flowering, start the seed in a greenhouse or hot-bed, and transplant into the garden in May, after all danger of frost is over; half-hardy annual.

PER PKT.

### Large Flowering Dwarf Ten Weeks Stock.

- |  |                         |
|--|-------------------------|
| 6591 Blood Red.....10  | 6594 Purple.....10      |
| 6592 Crimson.....10  | 6595 Pure White.....10  |
| 6593 Light Blue.....10   | 6598 Bright Pink.....10 |
| 6600 Mixed. All choice double large flowering.....5  |                         |
| 6610 Improved Wallflower Leaved Ten Weeks. Finest mixed.....10   |                         |
| 6601 — Wallflower Leaved White.....10  |                         |
| 6603 Snowflake Improved. A beautiful dwarf growing variety; very large double snow-white flowers. Our seed of this variety is grown by a specialist and will produce a large percentage of double flowers.....15 |                         |



PRINCESS ALICE STOCK.

- 6606 **Princess Alice** (*Cut and Come Again*). A fine perpetual blooming Stock, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. Its most valuable feature is that it produces perfect flowers during September and October, when other varieties sown at the same time have faded. It throws out numerous side branches bearing clusters of very double pure white fragrant blossoms, and is excellent for cutting. ....10
- 6612 **Intermediate, or Autumnal Flowering Stocks.** Very beautiful; choice double flowers; mixed; 2 feet.....10
- 6611 **Brompton or Winter Stock.** Half-hardy biennial, bushy plants producing a beautiful display of double flowers; mixed colors; 2 feet.....10

### Imported Collections of Stocks.

- 6609 **Ten Weeks.** Large Flowering Dwarf, 12 varieties.....75
- 6619 **Perpetual,** 6 varieties.....50

## STEPHANOTIS.

A greenhouse evergreen perennial climber, producing clusters of fragrant flowers in the greatest profusion.

- 6584 **Stephanotis Floribunda.** White; 20 feet....50

## SOLANUM.

- 6566 **Solanum Capsicastrum** (*Little Gem*). This is a very useful pot plant for winter decoration. It is of a dwarf branching habit; leaves small and oval shaped; bearing in the greatest profusion bright scarlet globular berries. Very ornamental. 1 foot.....10



STREPTOCARPUS.

## STREPTOCARPUS.

(New Hybrid Cape Primrose.)

PER PKT.

- 6623 A beautiful new race, of greenhouse perennials of dwarf, neat habit, growing about 9 inches high. Seedling plants produce from 2 to 5 blooms on a stem the first season. As the plant becomes older and stronger the flowers are produced in greater abundance. If seed is sown in January and February, the plants come into bloom the following June and July, and continue flowering freely until October.....25

## THUNBERGIA.

Beautiful rapid-growing climbers, thriving in a light, rich, loamy soil, in warm situations in the garden; very pretty flowers in buff, white, orange, etc., with dark eyes; half-hardy annuals; 4 feet.

- 6670 **Thunbergia Mixed.** All colors. Per oz. 40 cts. 5

## Sweet William.

A well-known attractive free-flowering plant, producing a splendid effect in beds and shrubbery with their rich and varied flowers; hardy perennial; 1½ feet.

- 6625 **Sweet William, Auricula-Flowered.** A beautiful class of single varieties, all colors. Oz. 50 cts. 10
- 6640 — **Single Mixed.** Per oz. 40 cts.....5
- 6630 — **Double Mixed.** Per oz. \$1.00.....10

## TAGETES.

A dwarf, globular, compact, bushy plant, with beautiful delicate fern-like leaves, densely covered with flowers.

- 6654 **Tagetes Signata Pumila.** Bright yellow, striped brown; half-hardy annual; 1 foot.....5



TAGETES SIGNATA PUMILA.

The seed of Stocks you sent us has proven most excellent, only 5 to 10 per cent. being single; and while the spikes are large, each individual flower is also of a remarkable size.

A. E. WHOLERT, Altoona, Pa., June 25, 1894.





## DREER'S LARGE FLOWERING SWEET PEAS

It is unnecessary to say much about these lovely fragrant flowers, their universal favoritism being well established. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes.

Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.

PER OZ. PKT.

PER OZ. PKT.

5996	<b>Adonis.</b> Carmine rose, shaded with white.....	20	5	6823	<b>Mrs. Sankey</b> ( <i>Black Seed</i> ). Pure white, large bold flower.....	25	10
6812	<b>Apple Blossom.</b> Bright rosy pink; blush wings.....	20	5	6003	<b>Orange Prince.</b> Bright orange, pink, flushed scarlet.....	20	5
6808	<b>Boreatton.</b> Dark chestnut, wings bluish purple.....	20	5	6801	<b>Primrose.</b> Pale primrose pink, fading to a creamy white.....	25	10
6815	<b>Butterfly.</b> White ground edged with light blue.....	20	5	5995	<b>Princess Beatrice.</b> Beautiful carmine rose.....	25	10
6004	<b>Cardinal.</b> Bright shining crimson scarlet.....	20	5	6833	<b>Princess Victoria</b> ( <i>New</i> ). Bright cherry, very pretty.....	25	10
6809	<b>Captain of the Blues.</b> Dark blue netted with purple.....	25	10	6807	<b>Princess of Wales.</b> Shaded and striped mauve, on a white ground.....	20	5
6819	<b>Countess of Radnor.</b> Delicate lavender and mauve; lovely variety.....	25	10	6006	<b>Purple Prince.</b> Dark purple and blue.....	20	5
6820	<b>Delight.</b> White wings; crested crimson.....	25	10	6822	<b>Queen of England.</b> Pure white, large and fine.....	20	5
6828	<b>Dorothy Tennant</b> ( <i>New</i> ). The color of the blue Wistaria, very fine.....	25	10	6806	<b>Queen of the Isles.</b> Scarlet, mottled with purple and white.....	20	5
6821	<b>Duchess of Edinburgh.</b> Scarlet.....	20	5	6824	<b>Senator.</b> Chocolate, creamy white ground.....	25	10
6825	<b>Emily Henderson</b> ( <i>New</i> ). Purest white, fine.....	25	10	6805	<b>Splendor.</b> Rich rose with crimson shading.....	20	5
6829	<b>Her Majesty</b> ( <i>New</i> ). Beautiful soft rosy pink, fine.....	25	10	6001	<b>Vesuvius.</b> Purple, spotted.....	25	10
6830	<b>Igneae</b> ( <i>New</i> ). Finest red.....	25	10	5999	<b>Imported Collection of Sweet Peas, 10 varieties, 40 cts.</b>		
6811	<b>Isa Eckford.</b> Creamy white suffused with rosy pink.....	20	5				
6818	<b>Lottie Eckford.</b> Lavender shaded with pink and white.....	20	5				
6814	<b>Miss Blanche Ferry</b> ( <i>Nellie Jaynes</i> ). Beautiful pink and white, very fragrant.....	20	5				
6832	<b>Monarch</b> ( <i>New</i> ). Bronzy crimson, blue wings.....	25	10				
6831	<b>Mrs. Eckford</b> ( <i>New</i> ). Delicate primrose, fine.....	25	10				
6816	<b>Mrs. Gladstone.</b> Delicate pink with rosy blush wings.....	25	10				
6000	<b>Dreer's Fine Mixed Sweet Peas.</b> Per. pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.						
6810	<b>Dreer's Large Flowering Mixed Sweet Peas.</b> Including all the newest varieties. Per. pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.						

This spring I bought of you sixteen varieties of Sweet Peas and mixed them myself all together. The result is I have the most beautiful shades of any I have ever seen.

W. A. HERMON, Pownal, Vt., July 1, 1894.

Our mixtures of Sweet Peas are made up by ourselves from named varieties, insuring a satisfactory result in colors, and are vastly superior to seeds harvested in mixture, which always deteriorate in color.





TROPEOLUM LOBBIANUM.  
**TROPEOLUM.**

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for greenhouse or conservatory decoration in winter; also for trellises, arbors and vases, etc., in summer; half-hardy annuals; 6 to 10 feet.

- PER PKT.
- 6171 **Tropaeolum Lobbianum Brilliant.** Scarlet. 10  
 6165 — **Spitfire.** Crimson. 10  
 6172 — **Roi des Noirs.** Black. 10  
 6174 — **Asa Gray.** Primrose yellow. 10  
 6176 — **Bismarck.** New; vivid scarlet; fine. 15  
 6170 — **Finest Mixed.** Per oz. 40 cts. 5  
 5375 — **Canariensis (Canary Bird Flower).** A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. 10



**TORENIA.**

A very fine annual, forming a splendid plant for vases, hanging-baskets, the greenhouse, or for growing out of doors; they are covered until late in the season with one mass of bloom.

- 6681 **Torenia Fournieri.** Large, sky-blue flowers, with three spots of dark blue, and a bright yellow centre. 10  
 6682 — **Alba (White Wings).** Blush white, very attractive. 15

- PER PKT.  
 6683 **Torenia Bailloni.** A valuable species, distinguished for the size and charming color of its flowers, which are bright golden yellow with a brownish-red throat. An admirable contrast with *T. Fournieri*; 15 inches. 10

## VINCA.

Ornamental free-blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter; 2 feet.

- 6713 **Vinca Rosea.** Rose, with dark eye. 10  
 6714 — **Alba.** White, with crimson eye. 10  
 6715 — **Alba Pura.** Beautiful pure white. 10  
 6720 — **Mixed.** Per oz. \$1.00. 10

## TYDÆA.

- 6686 **Tydæa Hybrida Grandiflora.** Handsome plants, allied to the *Gloxinia*, very free-flowering and producing a great variety of magnificent, large flowers. Should be sown and treated in the same way as *Gloxinias*.  
*Tender Perennial.*  $\frac{3}{4}$  ft. 25



VERBENA, MIXED.

## VERBENA.

- 6707 **Verbena, Dreer's Mammoth.** We have been carefully selecting and improving this fine strain of Verbenas for several years past and can now recommend it as the very best in the market. The flowers are of the largest size, of brilliant colors, with large, distinct eyes. Plants are free-blooming and of vigorous habit. Choice mixed. Per oz. \$2.50. 10  
 6700 — **Dreer's Choicest Mixed.** Selected from our large collection of the newest and finest named varieties and richest colors. Per oz. \$2.00. 10  
 6710 — **Fine Mixed.** All colors of the older sorts. Per oz. \$1.50. 5  
 6701 — **Candidissima.** Pure white. 10  
 6702 — **Coccinea.** Brilliant scarlet. 10  
 6703 — **Striped Varieties.** 10  
 6706 — **Blue Varieties.** 10  
 6711 — **Snowball.** This variety grows into a compact bush instead of being of straggling habit. The umbels are large and bear medium-sized pure white flowers. 15  
 6709 **Collection of Verbenas, six varieties.** 50

## LEMON VERBENA.

- 6708 **Aloysia Citriodora.** Lemon-scented foliage. 10



**VALERIANA.**

6690 Very showy border plants, growing in any garden soil, doing well in the shade; producing large corymbs of flowers fine for bouquets; hardy perennial; red and white mixed; 2 feet..... 5

**VIOLET.**

(Viola Odorata.)

Well-known fragrant early spring blooming plants for edgings, groups or borders; thriving best in the summer in a shady situation, in a rich, deep soil; extensively used by florists for forcing for cut flowers during the fall and winter months; hardy perennials; 6 inches.

6725 **Single Blue.** Sweet scented.....10  
 6728 — **The Czar.** Large flowering.....10  
 6726 **Single White.** Very fragrant; free-flowering....10  
 6727 **Single Mixed.** Blue and white.....10

**YUCCA (Adam's Needle).**

A splendid plant with large clusters of creamy white tulip-like flowers on tall stems; hardy perennial, 3 feet.

6775 **Yucca Filamentosa.** White..... 5



DOUBLE WALLFLOWER.

**Wallflower.**

Well-known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquet flowers; half-hardy perennials.

6740 **Wallflower, Single Mixed**..... 5  
 6730 — **Finest Double Mixed**.....10  
 6739 **Collection of Double Wallflower; 12 varieties.** \$1.00  
 6749 **Collection of Single Wallflower; 6 varieties.**..... 50

**ZINNIAS.**

The double Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground; half-hardy annuals; 2 feet.



ZINNIA ELEGANS, DOUBLE.

**ZINNIA—Continued.****Large Flowering Double Dwarf Zinnias.**

	PER PKT.
6781 <b>Double White</b> .....	5
6794 <b>Double Scarlet</b> .....	5
6793 <b>Double Orange</b> .....	5
6795 <b>Double Canary</b> .....	5
6797 <b>Jacqueminot.</b> Rich, deep velvety crimson.....	10
6800 <b>Dwarf Double Mixed</b> .....	5
6789 <b>Collection of 6 separate varieties</b> .....	50
6790 <b>Zinnia Elegans, Tall Double.</b> Tall varieties, mixed in great variety of color.....	5
6786 — <b>Tom Thumb, Double Mixed.</b> Compact bushes, not over 12 inches high.....	10
6784 — <b>Mammoth (Robusta Plenissima).</b> Flowers large, perfectly formed, very double and of striking colors.....	10
6783 — <b>Double Pompon.</b> Long cone-shaped flowers; mixed.....	10
6791 — <b>Zebra.</b> A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance.....	10
6796 — <b>Curled and Crested.</b> A new and beautiful strain of this popular plant, with large double flower of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the beautiful shades characteristic of the Zinnia.....	15
6782 — <b>Haageana, fl. pl. (Mexican Zinnia).</b> A splendid double variety; flowers deep orange, margined with yellow, keeping its color when dried as a winter flower.....	10

I received to-day the Vegetable and Flower-seeds, also the Grape Vine, and am much obliged for your prompt attention to my orders.

ANNA E. BUTLER, Bayou Sara, La., February 26, 1894.

All of the Vegetable seeds arrived in good condition and are doing well. We got 10,000 Cabbage plants from 4 oz. of seed.

SISTERS OF VISITATION, Wheeling, W. Va., February 23, 1894.

Your seeds germinate freely and I am much pleased with results.

WM. S. EGERTON, Supt. of Parks, Albany, N. Y., March 5, 1894.

The Sweet Pea seed I purchased from you last year produced flowers of wonderful size and beauty and were admired by hundreds of people.

MRS. L. S. NEELY, Greenville, Ill., March 26, 1894.

My Sweet Peas raised from your seed were the finest I ever had. The flowers were large and in great variety of color.

MRS. J. H. DOANE, Warehouse Point, Conn., April 1, 1894.

We have now in flower the largest Pansies we ever saw from your Royal Exhibition strain.

H. NISSNER, Johnstown, Pa., April 24, 1894.

Dreer's we have long regarded as the best Pole Lima Bean and we always plant it for main crop. It is productive, but its tenderness and sweetness are what we prize it for.

Extract from Garden Notes in "Gardening," Oct. 15, 1894.



# GENERAL COLLECTION OF PLANTS.



NEW  
DWARF ALLAMANDA.

## ALLAMANDA WILLIAMSII.

This handsome variety is entirely distinct from all others, being quite dwarf and in no way resembling a climber, but forming a compact bush with trusses of bloom at every point, and having from two to four expanded blooms on each extremity at the same time and buds innumerable. It continues flowering the whole summer, and, with proper management, in the winter also. The flowers are from  $3\frac{1}{2}$  to  $4\frac{1}{2}$  inches in diameter, of a very rich yet delicate tint of yellow, and are deliciously scented. Good young plants 75 cents each.

### ALLAMANDA WARDLEYANA.

A very showy greenhouse climber, bearing large and beautiful golden yellow flowers six inches in diameter. It blooms in clusters and is superior in coloring and size to any of the Allamandas. Will thrive in warm houses, though greenhouse treatment enhances its beauty. 30 to 50 cts. each.



ABUTILON SOUVENIR DE BONN.

### ABUTILON GOLDEN FLEECE.

This golden yellow variety is a perfect gem, of strong, vigorous growth and remarkably free flowering. It is continually covered with flowers summer and winter. 15 cents each; 4 for 50 cents.

### New Silver-Edged Abutilon. SOUVENIR DE BONN.

A most distinct and striking novelty and the most wonderful variegated Abutilon yet introduced. The foliage is large and of a deep green color, not mottled and marbled as in all other forms of variegated Abutilons, but each leaf is edged with a broad white margin, not unlike the silver-leaved Geraniums. The plant is of strong, robust growth and forms beautiful specimens in a very short time. We know of no variegated plant introduced within recent years which has pleased us so much as this silver-edged Abutilon. 25 cents each; \$2.50 per dozen.

### TEN BEST ABUTILONS.

- Aureum Maculatum.** Green and yellow mottled foliage, flowers yellow, veined with crimson.
  - Boule de Neige.** Fine, pure white.
  - Brilliant.** Bright red, free dwarf habit.
  - Eclipse.** A splendid variegated variety, especially suited for baskets and vases; foliage marbled green and yellow, flowers of fair size, sepals scarlet, petals orange buff.
  - Firefly.** Rich salmon scarlet; fine.
  - Future Fame.** Very deep rose shaded crimson, distinct and free-flowering.
  - Royal Scarlet.** Brilliant scarlet, very dwarf and free.
  - Striata Splendida.** A grand variety with bright orange-colored flowers, beautifully striped with rich crimson.
  - The Premier.** Rosy purple; the rose shade very intense.
  - Thompsoni Plena.** Perfectly double flowers, that resemble in form a double hollyhock; rich deep orange, streaked with crimson.
- 10 cts. each; \$1.00 per dozen; the collection of 12 varieties for \$1.25.





ACALYPHA.



ACHIMENES.

**ALOCASIA ILLUSTRIS.**

ALOCASIA MACRORRHIZA VARIEGATA.

in sub-tropical gardening. 25 cts. each; 5 or \$1.00.

**ANANASSA SATIVA VARIEGATA.**

The variegated form of the ordinary Pineapple, and is one of the most beautiful plants; leaves striped, white, green and creamy yellow with a red tinge on the edges. \$2.50 to \$6.00 each.

**ACALYPHA MACAFEANA.**

A beautiful variegated foliage bedding plant, much richer in color than the finest Coleus; it can be used in the same way, and is certain to become popular for ornamental and sub-tropical bedding. 15 cts. each; \$1.50 per dozen; \$8.00 per 100.

**ACHIMENES.**

Tropical plants for summer blooming; the scaly tubers must be preserved entirely dry during winter. In early spring pot in peat, sand and a little light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. Six choice varieties named. 20 cts. each; \$2.00 per dozen.

**ACHYRANTHUS.**

Indispensable for bedding purposes, either in masses or ribboning, their brilliant tinted leaves forming a marked contrast with all other plants.

**Acuminata.** Large purple foliage.

**Emersoni.** Deep red, shading to pink. One of the very best sorts for contrasting with Coleus or Centaurea.

10 cts. each; \$1.00 per dozen; \$6.00 per 100.

**AGERATUM.**

Old garden favorites of easy culture, blooming continuously throughout the summer months and until late in the fall.

**Blanche.** Pure white, very desirable.

**John Douglas.** Large azure blue, dwarf and compact.

10 cts. each; \$1.00 per dozen; \$6.00 per 100.

**ALTERNANTHERA.**

Beautiful dwarf plants of compact habit, growing about 6 inches high, and admirably adapted for edgings to flower beds or ribbon lines, their beautifully variegated foliage of crimson, purple, yellow, pink and green forming rich masses of color, always attractive and highly ornamental.

**Aurea Nana.** Bright golden yellow, holding its color well the entire season.

**Amabilis Tricolor.** Orange, crimson and dark green.

**Amœna Spectabilis.** Crimson, pink and brown; the finest and brightest.

**Rosea Nana.** Very dwarf, rosy crimson foliage.

**Versicolor.** Foliage ovate, olive, crimson and chocolate.

10 cts. each; \$1.00 per dozen; \$6.00 per 100.

**Agapanthus Umbellatus.**

(Blue Lily of the Nile.)

This is a splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant than this for out-door decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in winter, requiring but slight protection. It is a rapid grower, and increases in size and beauty every year; the chief point in its cultivation is to divide the plants before the pots or tubs become overcrowded with roots. With the most ordinary kind of care it is a plant that will last forever. Strong flowering plants 25 cts. each; \$2.50 per dozen.

**Agapanthus Umbellatus Albus.**

A beautiful white flowering variety of the above. 50 cts. each.

**Alocasia Macrorrhiza Variegata.**

A strikingly handsome ornamental-leaved plant, foliage nearly as large as Caladium Esculentum, light green, broadly splashed with white. Its easy growth, combined with rich variegation, makes this one of the most valuable exhibition plants. 50 cts. to \$1.00 each.



AGAPANTHUS.



**AMARYLLIS.**

Beautiful flowering bulbs, which should find a place in every garden. They force readily, are admirable for pot culture, and by proper care can be had in bloom during the whole year.

**Aulica** (*Lily of the Palace*). Dark crimson, large and fine. \$1.25 each.

**Formosissima** (*Jacobæan Lily*). Crimson, blooming early in the summer. 15 cts. each; \$1.50 per doz.

**Hybrids of Vittata**. Red and white striped. 50 cts. each.

**Johnsoni**. Very large flower of a rich crimson scarlet color, striped with white. 50 cts. each; \$5.00 per doz.

**Prince of Orange**. Bright orange, large and fine. \$1.00 each.

**Regina**. Large orange scarlet flowers, with yellow throat. 50 cts. each; \$5.00 per doz.

**ANTHEMIS CORONARIA FL. PL.**

One of the most useful plants for bedding or pot culture. It bears its golden yellow double flowers profusely during the season, and can be recommended as a first-class edging plant. 15 cts. each; \$1.50 per doz.

**Anthericum Vittatum Variegatum.**

Desirable for centres of baskets, vases, etc. Long, narrow foliage, striped white. 25 cts. each; \$2.50 per dozen.

**Anthericum Picturatum**. A most distinct and handsome variety, differing from the well-known Anthericum Vittatum Variegatum in having a bright yellow band running through the centre of the leaf, edged with bright pea-green. 50 cts. each; \$5.00 per doz.

**ASPIDISTRA LURIDA VARIEGATA.**

A beautiful plant with large, lance-shaped leaves, finely variegated with clear, cream-colored stripes. An elegant window or conservatory plant of the easiest culture. 50 cts. to \$1.00.

**Aspidistra Lurida.**

A green-leaved variety of the above, of strong growth; will succeed in any position; an excellent hall or corridor plant. 50 cts. to \$1.00 each.



ARDISIA CRENULATA.

**ARDISIA CRENULATA.**

A very ornamental green-house plant, with dark evergreen foliage, producing clusters of brilliant red berries; a first-class house plant in winter. 25, 50 and 75 cts. each, according to size.

**ARAUCARIA EXCELSA.**

(Norfolk Island Pine.)

Without doubt one of the most serviceable plants for house decoration, well adapted to room culture, and attractive and graceful in appearance.

Beautiful specimen plants, 15 inches high, \$2.00 each; 18 inches, \$3.00; 24 inches, \$5.00; 36 inches, \$7.50; 48 inches, \$10.00 each.



ASPARAGUS PLUMOSUS NANUS.



ARAUCARIA EXCELSA.

**ANTHURIUM.**

**Andreanum**. A beautiful plant with large, brilliant scarlet flowers of a leathery texture; they remain in perfection for weeks. \$2.00 each.

**Grande**. Foliage bright, rich velvety green, principal veins elegantly banded with silvery white. When young the leaves are of a violet rose color, beautifully marked. \$1.00 to \$1.50 each.

**Scherzerianum**. One of the most striking, dwarf-flowering stove plants, producing beautiful brilliant scarlet flowers, each of which remains from two to three months in bloom. \$1.00 each.

**ARALIA VEITCHII GRACILLIMA.**

A splendid decorative plant with finely divided foliage, of a glossy green above and dark red beneath; it is of an elegantly graceful habit, and unsurpassed as a plant for table decoration. \$1.00 to \$1.50 each.

**ARISTOLOCHIA ELEGANS.**

One of the best summer climbers; of rapid and dense growth. It bears profusely, even on small plants, its handsome and elegant flowers of a rich dark purple color, ornamented throughout with irregular markings of a creamy white, and having a yellow eye. 25 cts. each.

**ASPARAGUS TENUISSIMUS.**

A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage. As a decorative plant for contrast with the foliage of other plants it is one of the most effective. 25 cts. each; \$2.50 per doz.

**ASPARAGUS PLUMOSUS NANUS.**

This is one of the most distinct and effective decorative plants for the stove or warm conservatory. 25 to 50 cts. each.



ANTHURIUM SCHERZERIANUM.





AZALEA INDICA.

## AZALEA.

(Chinese Azalea.)

Beautiful plants for window or conservatory decorations. The ease with which they can be grown and their diversity of color will always keep them in public favor. They force readily, are perfectly hardy south of Washington, and if protected by cold frames can be safely kept over winter even in the North. The collection we offer comprises the cream of the best continental establishments.

We can supply plants at 50 cts., 75 cts., \$1.00 and \$1.50 each; \$5.00, \$9.00 and \$15.00 per dozen.



BEGONIA COUNTESS LOUISE ERDODY.

## BEGONIAS.

### BEGONIA REX.

(Painted Leaf Varieties.)

We offer ten of the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc.

25 cts. each; \$2.50 per doz.

### BEGONIA THURSTONII.

A distinct and pretty shrubby variety with thick heavy foliage, which is of a rich metallic green above and bright red underneath; the flowers are of a fine pink, rising well above the foliage.

As a bedding plant for a partially shaded position this variety is unequalled.

15 cts. each; \$1.50 per dozen.



BEGONIA REX.

### BEGONIA COUNTESS LOUISE ERDODY.

The leaf, which has a metallic lustre, appears dark silvery in the centre, shading into coppery rose toward the margin, which is broadly and evenly edged with the same hue, but darker and more brilliant. The striking peculiarity, however, which distinguishes it from all other Begonias, is that the two lobes at the base of the leaf do not grow side by side, but one of them winds in a spiral-like way until in a full-grown leaf there are four of these twists lying on the top of the leaf nearly two inches high. This is an exceedingly curious and interesting variety.

30 cents each; 4 for \$1.00.  
\$3.00 per dozen.



BEGONIA ARGENTEA GUTTATA.

### BEGONIA. Flowering Varieties.

We know of no plants better adapted to amateur cultivation than these; as pot plants for summer or winter cultivation they have few equals.

**Alba Picta.** A pretty species from Brazil, distinct in character. It is shrubby in habit and of compact growth. The leaves are glossy green, freely spotted with bright silvery white. Will make a really useful and pretty plant for decorative purposes. 25 cts. each.

**Argentea Guttata.** A cross between Begonia Olbia and Alba Picta; with foliage of large size, of a rich green spotted with silver; a beautiful variety. 25 cts.

**Rubra.** Dark green leaves, flowers scarlet rose, glossy and wax-like. 15 cts.

**Saundersoni.** Scarlet flowers, dwarf habit; in bloom continually. 15 cts.

**Semperflorens Gigantea.** The flowers of this new sort are brilliant carmine red, and are borne in large panicles. It is one of the best of the new Begonias, and possesses vigorous habit. The flowers are unusually large and brilliant, and stand well above the foliage. 25 cts.

Set of 6 varieties for \$1.00.





SINGLE AND DOUBLE TUBEROUS-ROOTED BEGONIAS.

## Tuberous-Rooted Begonias.

Tuberous-rooted Begonias are among the handsomest and most popular of our summer-flowering bulbs, both for planting in the open border for summer decoration and for growing in pots for the greenhouse, conservatory or sitting room. Nothing can excel the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers, and the gorgeousness of their effect in masses or their graceful appearance in beds and borders. We have made a specialty of these charming plants for several years, have tried them thoroughly, and have no hesitation in saying they are destined to play a very important part in the bedding of the near future. With us they have bloomed profusely when planted out on rock-work or in the open ground, and have been a decided attraction. They should be planted about one foot apart each way, and on the approach of cold weather should be taken up and the bulbs, after drying, stored away in dry sand or similar material in a cool place free from frost until the spring, when they may be started in pots before planting in the garden.

Single Scarlet, Orange, Crimson, Pink, White, Yellow, 15 cts. each, \$1.50 per doz., \$10.00 per 100.  
Mixed Single, 10 cts. each, \$1.00 per doz., \$8.00 per 100. Mixed Double, 30 cts. each, \$3.00 per dozen.



BEGONIA METALLICA.

### BEGONIA METALLICA.

A fine erect-growing variety, with dark, rough leaves; the surface is a lustrous bronze green, veins depressed and dark red. 20 cents each.

Set of 6 varieties of flowering Begonias for \$1.00.

### BEGONIA SPECULATA.

A pretty large leaved ornamental variety, with dark green foliage, spotted with silvery white. 15 cts. each.



BOUARDIA. ALFRED NEUNER.

### BOUARDIAS.

Shrubby plants, with corymbs of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. One of the most useful of winter-blooming plants.

**Alfred Neuner.** Purest waxy-white. (See cut.)

**Davidsoni.** The best of the single white varieties.

**Humboldt Corymbiflora.** Pure white, fragrant.

**President Cleveland.** A grand single-flowered variety with intense dazzling scarlet flowers.

**Rosea Multiflora.** Beautiful shade of salmon rose. 15 cts. each; set of 5 for 60 cts.



# Select List of Carnations.

The following list embraces the cream of the standard and well-tried varieties, together with the best of the new introductions of 1894.

**Angelus.** A fine rosy pink with large perfect flowers; very prolific.

**Anna Webb.** A fine crimson, deeply fringed, of medium size, and branching habit; florets very full; a free, continuous bloomer.

**Buttercup.** Rich golden yellow, with a few streaks of clear carmine; of vigorous habit and very floriferous. The florets are full and very double, from 2½ to 3 inches in diameter.

**Cæsar.** A remarkably strong grower, very full and finely formed flowers, variegated red and white.

**Chester Pride.**

White, pencilled rosy carmine; large, strong, good habit.

**Daybreak.** A genuine novelty in color, being a very delicate shade of pink, admired by every one.

**Edna Craig.**

A most beautiful light shade of pink, of fine form and great substance. 2½ to 3 inches in diameter.

**Grace Wilder.** Bright rosy pink; very fragrant.

**Golden Triumph.** A very pretty shade of yellow.

**Hinze's White.** A well-known variety.

**Hawaii.** A pretty fancy variety; ground color white, laced and striped with carmine, entirely different from anything sent out before. The plant is a strong, vigorous grower, and a most profuse bloomer.

**Helen Keller.** One of the finest fancy varieties yet introduced, pure white heavily pencilled with scarlet; a fine large flower.

**J. R. Freeman.** Rich cardinal crimson, clove-scented.

**L. L. Lamborn.** A dwarf, compact grower, bearing on long stems fine waxy-white flowers; very large floret.

**Lizzie McGowan.** An elegant new white variety that is destined to become very popular, being of the purest white color, large, full and very attractive. Very prolific and fragrant.

**Lois C. Haettel.** A pure white variety of California origin, and one of the most prolific and continuous flowering varieties ever introduced. The cut gives a good idea of the actual size and shape of the flower. The petals, as will be noticed, are very heavily fringed, giving it a peculiar lace-like appearance. The habit of the plant is all that could be desired, while in fragrance it rivals the hardy garden Pinks.

**Mrs. Henry M. Stanley.** A sport from Buttercup, of a rich terra-cotta, shading into yellow and red.

**Mrs. Elizabeth Reynolds.** A strong vigorous free growing variety; flowers large with massive broad petals cupped inward, giving the flower a fine build; never bursts. It is a rich pink peach in color. Flowers average nearly three inches.

**Mme. Diaz Albertini.** A persistent free blooming variety of exceptional size and build. Flowers very large, round and full. Color, light flesh pink, with a strong clove fragrance.

**Sweet Briar.** Pink, between Daybreak and Grace Wilder in shade, a strong healthy grower, an early free and continuous bloomer, flowers fragrant, of good size and form, and borne on long stiff stems.

**Thomas Cartledge.** A beautiful carmine, closely resembling La Purite in color. It is a vigorous grower, early to come in flower and extremely prolific; a decided acquisition.

**William Scott.** Growth vigorous, very free blooming, flowers large and never bursting, of a rich Grace Wilder color; stems very long, holding the flowers erect.

**William F. Dreer.** This fine variety is a seedling from Buttercup crossed with Century. It is of exceedingly strong, healthy growth, upright and robust, with a majority of long stems, and often four full-bloom flowers on a single spike at one time. Its color is a beautiful rose pink, deeply fringed petals, very large, often three inches in diameter, and does not burst its calyx.

**The Stuart.** A most brilliant scarlet variety, flowers very large, a free prolific bloomer.

Strong young plants, 15 cts. each; \$1.50 per dozen, \$8.00 per 100; the set of 24 varieties, one of each, for \$25.00.

The plants ordered from your firm arrived in perfect condition and they were most satisfactory, more than meeting all our expectations. The seeds were also satisfactory.

Plants came in fine shape and are very satisfactory indeed. It is a pleasure to order and get your stock. It is always nice and done up in best of shape.

MRS. F. LEWIS CLARK, Spokane, Washington, April 10, 1894.

WILLIAM B. REED, Chambersburg, Pa., February 17, 1894.



HAWAII.





SPOTTED CALLA.

**SPOTTED CALLA.**

(Richardia Alba Maculata.)

The leaves of this variety are deep green, with numerous white spots, which gives the plant a very ornamental appearance. The flowers are pure white, with a black centre. They grow freely, either in-doors or out. 15 cts. each; \$1.50 per dozen.



BLACK CALLA.

**WHITE CALLA.**

(Richardia Æthiopica.)

The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming, keep them dormant from the middle of June to last of August, repot in good rich soil, using a 4 to 6-inch pot, give water, light and heat in abundance, and the result will be most satisfactory. 20 cts. each; \$2.00 per doz.; extra large, 30 cts. each; \$3.00 per doz.

**BLACK CALLA.**

(Arum Sanctum.)

This interesting variety resembles in habit and foliage the White Calla, with flowers of a rich dark purple color over a foot in length and 4 to 6 inches across. The spike or spadix is about 10 inches long, and of an ebony black color. 25 cts. each.

**New Dwarf Calla "Little Gem."** A new dwarf variety of the Richardia Æthiopica, growing about half as high as that well-known sort. It is very free flowering and fine for pot culture. 20 cts. each.

**CAMELLIA JAPONICA.**

The varieties we offer of this desirable plant are the best of their respective color, and consist of white, pink, mottled, rose, etc. We can supply 12 distinct sorts.

1st size,	\$2.00 each;	\$20.00 per dozen.
2d "	1.25 "	12.00 "
3d "	.75 "	9.00 "

**COLEUS.**

Whether grown as individual plants or for massing in ribbon gardening, they are in every way very desirable. The list embraces the best old sorts and novelties, and has been carefully selected from a large collection.

**Chas. D. Jacobs.** Mottled crimson, maroon, green and yellow; a distinct and pretty variety.

**Exquisite.** Violet carmine, green margin.

**Fantasie.** White ground crimson and maroon mottled centre, broad, rich green border.

**Firebrand.** A fine bedder, dark crimson, shaded garnet.

**Golden Bedder.** Fine yellow foliage; good bedder.

**Maroon Velvet.** Rich velvety maroon.

**Mrs. Bement.** Large, cream color, narrow green edge.

**Mrs. J. C. Cowles.** Green with broad yellow border.

**Queen Victoria.** Crimson, the brightest golden edge.

**Red Cloud.** Crimson and blackish brown.

**Shylock.** Large, dark maroon leaves, with rich crimson midribs and veins; very distinct.

**Salvator.** Maroon ground with crimson centre and light green border.

**Verschaffelti.** Rich velvet crimson.

**Ville de Dijon.** Large foliage spotted and mottled with crimson and maroon; pretty.

**Golden Crown.** A new golden-leaved variety.

**Golden Verschaffelti.** Fine yellow foliage.

10 cts. each, \$1.00 per doz., \$6.00 per 100; set of 16 for \$1.25.

**THE TRICOLOR CUPHEA.**

(Cuphea Llavae.)

This interesting flowering plant belongs to the same family as the well-known Lady's Cigar Plant. The flowers are tubular in shape, about two inches long, and combine three distinct colors in each flower—scarlet, white and blue. It grows into a bushy specimen about 15 inches high, and makes an elegant plant when potted or in the open ground, being in bloom continually when given proper care. 10 cts. each; \$1.00 per doz.



# CALADIUMS.

## Fancy-Leaved Varieties.

For many years the Fancy-Leaved Caladiums have been a special feature of our establishment. We grow several large houses of these beautiful plants alone. Our collection has been carefully revised and contains only first-class, distinct and well-marked varieties, and is acknowledged to be the finest in the country. Their greatest value is for the decoration of conservatories, greenhouses and window boxes, while nothing can surpass them as exhibition plants for fairs during the summer and fall. Most of the varieties, if planted about the first of June in partly shaded warm borders, in well-enriched light soil, succeed admirably as bedding plants, the various colorings and markings of which cannot be obtained in any other class of plants. We list 40 fine sorts, but from our collection of over 75 sorts we are able to supply other varieties equally distinct and fine. Many of the fine varieties do not show their variegation when young, and often appear exactly the same as older sorts.

**Argyrites.** Distinct small leaved variety, never exceeding 6 inches in height, bright, pea-green leaves, beautifully spotted and marbled with white.

**Arethusa.** Light green, gray centre and ribs, rosy crimson spots.

**Auguste Reviere.** Foliage green, with gray centre and crimson spots.

**Baron Rothschild.** Green, spotted and veined with orange crimson.

**Berose.** Deep green spotted, red veins and midrib crimson, light green centre.

**Bicolor Fulgens.** Lively green, with crimson-rayed centre.

**Boildieu.** Bright crimson centre, deep green margin.

**Canerti.** Green spotted white, crimson centre.

**Candida.** Clear white ground, strongly marked ribs and margin.

**Cajubi.** Bright crimson ribs and veins on a deeper zone, with bright green border.

**Chantini Splendens.** Spotted rose and crimson, brilliant centre.

**Diana.** Rich green, spotted red centre, crimson rayed.

**Duchartre.** Green, white veins, shaded rose.

**E. G. Henderson.** Green, spotted rose, rayed crimson.

**Euterpe.** Rich crimson veins on a bronzy-green ground, suffused with white.

**Guanabara.** Creamy white foliage, the entire leaf covered with transparent white spots.

**Isadore Leroy.** Metallic green, crimson-rayed centre.

**Jupiter.** Green ground, splashed with white, bright crimson midrib.

**Junon.** Crimson ground, green margin, and white spots.

**L'Albane.** Pure white ground, green veins, very large foliage.

**La Perle du Bresil.** White, delicately tinted with rose, midrib and veins dark green; large and transparent; one of the loveliest in cultivation.

**Leplay.** Deep green, attractively marked with white, veined with rosy crimson.



**Lepeschkenei.** Large spots of rich rose-color, bright red centre.

**Louis Duplessis.** Red rays and veins, on a white ground, green margin.

**Louis Poirier.** Crimson ground, white spots and green margin; finely marked.

**Mad. Fritz Koechlein.** White ground, violet rose ribs, green veins; very handsome.

**Mad. Alfred Bleu.** Deep green, white blotches, broad veins of crimson scarlet.

**Max Kolb.** Gray centre with crimson blotches.

**Marchandi.** Greenish white centre, crimson ribs, green border; distinct.

**Meyerbeer.** White, veins green, midrib red.

**Mons. J. Linden.** Large whitish leaves, with metallic reflections, coral rose veins, and reticulated green border.

**Mons. Pauchard.** Light colored ground marbled with dark crimson; light green veins and border; a bold and striking variety.

**Napoleon III.** Flamed crimson centre and spots on green ground.

**Reine Marie du Portugal.** Violet-rose centre, red veins, dark maroon zone, green border.

**Sanchoniatum.** Crimson centre, deep crimson ribs and pea-green margin.

**Sieboldii.** Fiery red centre, spotted with claret red.

**Triomphe de l'Exposition.** Crimson centre, bright red ribs and green border.

**Ville de Mulhouse.** Grayish green leaves, shaded rose and rich green centre.

**Walter Scott.** Rich crimson veins, on a bronzy green ground, suffused with white.

**Wightii.** Light green, with crimson and white spots.

25 cts. each, \$2.50 per dozen. Set of 40 varieties, one of each, for \$8.00, or a full set of 75 varieties, one of each, for \$12.00.



# New Large Flowering Dwarf French Cannas.

The Most Desirable Bedding Plant for the American Garden.



QUEEN CHARLOTTE.

many who saw the different varieties of this gilt-edged type in flower on our grounds the past summer to be the finest of this class yet introduced. The plant attains a height of about three feet and is furnished with heavy bluish-green foliage; the enormous flower spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a velvety grenade blood red, broadly banded with bright canary yellow.

Price \$1.00 each; \$10.00 per dozen; \$75.00 per 100.

## New Gilt-Edged French Canna, "Souvenir de Antoine Crozy."

This is a perfect gem and in our estimation the finest gilt-edged variety yet introduced; the flowers are large, with well rounded petals, which are of the most intense scarlet crimson, rich and dazzling, and are bordered with a broad rich golden yellow border, and does not fade or scorch in the most intense hot and dry weather, which proves to be the fault with some of the very high-colored varieties, notably Paul Sigrist, a variety that we thought highly of last spring, but which failed badly the past dry summer, while Souv. de Antoine Crozy and Queen Charlotte retained their rich colors planted side by side with this variety and under precisely the same conditions. In habit the plant is all that could be desired, being of strong, vigorous but dwarf habit, forming symmetrical compact plants about 3 ft. high.

Price \$2.50 each; stock limited.

## New Yellow Spotted Canna, "Comte de Bouchaud."

This variety is identical in color with that fine variety, Florence Vaughan, from which it differs only in the size of the flowers, which are fully one-sixth larger; color, rich bright golden yellow, spotted with bright red; this is undoubtedly the finest dark yellow spotted variety yet introduced; grows about  $4\frac{1}{2}$  feet high.

Price \$1.00 each.

## New Light Yellow Spotted Canna, "Madame Montefiore."

This is another grand variety on the same style as Florence Vaughan, but of a much lighter shade of yellow, more on the style of Capt. Suzzoni. This variety when planted in masses will give, even at a short distance, a clear yellow effect, while Florence Vaughan and Comte de Bouchaud, on account of the deep yellow color and heavy spots, under the same conditions have more of an orange appearance. The flowers, which are of a fine clear light yellow spotted with red, are fully as large as Comte de Bouchaud, while its habit of growth is also similar to that variety. This is undoubtedly the finest Canna yet introduced for planting where a yellow effect is desired and for this purpose is almost as valuable as a yellow without a spot would be.

Price \$1.00 each.

The popularity with which this class of plants has met is something marvellous, beginning with a few varieties introduced by Mons. Crozy about eight or nine years since, of which we then sold not over three hundred plants in a season; but even the small improvement that was shown in these few varieties was quickly appreciated and since then a really phenomenal advancement has been made, so that at this time they stand pre-eminently above all other flowering plants for the American garden, our sales last spring alone amounting to nearly fifty thousand plants.

We again offer this season a set of novelties which show a great advance and which we feel sure will be appreciated. In making up the various sets of Cannas here offered it has been our aim to select only the very best and finest types, and to present a list from which our customers can select any one variety with the certainty of it being a plant worthy of a place in any garden.

In the novelties offered for the first time this season we imported all that came to our notice, and after thoroughly testing them we have selected seven varieties which we consider the cream of this year's introduction, discarding all others, many of which were purchased at high prices.

## New Gilt-Edged German Canna, "Queen Charlotte."

We offered this grand variety in a limited quantity last season at a high price; it is of German origin and will no doubt be the most popular of the new varieties this season and is considered by



# New French Cannas.—Continued.

## New Crimson Canna,

### "Ami Pichon."

This may be called an improvement on *Explorateur Crampbel*, to which it is similar in style of flower and color, though brighter in its markings than that standard variety. The flowers, which are of a very large size, are of a bright crimson with very deep crimson markings, the habit of the plant is strong, of symmetrical growth, about 5 feet high, with rich deep green foliage.

Price \$1.00 each.

## New Crimson Canna,

### "Madame Molin."

This is undoubtedly the finest crimson variety yet introduced; the habit of the plant is all that could be desired, it forming strong bushy symmetrical plants about three feet high, with luxuriant heavy foliage of a rich dark green. The flowers, which are of large size and of a most intense brilliant crimson, are produced in very large heavy heads. The entire habit of the plant, together with its bright rich color, is such as to at once place this at the front among the high-colored varieties. Price \$1.00 each.

## New Rose-Colored Canna,

### "Rose Unique."

This variety is not up to the present standard in size of petals, but is so distinct in color, differing from all others, that we consider it well worthy of trial. It is the nearest approach to a rose color yet introduced, of remarkably vigorous but dwarf growth, attaining a height of 3½ feet; the flowers are produced in large heads and present a unique appearance. Price 50 cents each.



MADAME MONTEFIORE.

## New Bronze-Foliaged Canna, with Orange-Colored Flowers, "Amiral Avellan."

In our trials here the past summer we considered this the most desirable dark-foliaged variety in our collection. The flowers, while not as large as some of the latest introductions, are of good size, with heavy strong petals which open out evenly, forming a clean pretty flower; these are arranged sufficiently far apart on the stems to show up each individual flower; it is of a rich orange-scarlet color overlaid with salmon in such a manner as to give the whole a peculiarly rich luminous appearance. The habit of the plant we consider ahead of all the dark-foliaged varieties, being of an erect habit, growing about 5 ft. high and always forming fine symmetrical plants. There is a clean appearance about this variety difficult to describe, different from all other dark-foliaged varieties. Price \$1.00 each.

We will furnish one each of the eight new varieties, including *Queen Charlotte*, for \$7.50.

## Cannas, Collection A.

### Twelve Standard Well Tried Varieties.

The Twelve fine varieties offered in the following collection we have grown in very large quantities. It consists entirely of standard well tried sorts. We can recommend these for all purposes, especially for massing in large quantities. Our large stock enables us to offer them at a very low price.

**Alphonse Bouvier.** This is, all points considered, probably the grandest variety yet introduced. It is a remarkably luxuriant grower, in rich ground attaining a height of 6 to 7 feet. In color it is of a rich, brilliant crimson, almost approaching scarlet when it first opens, changing to a deep, dazzling crimson as the flowers fully develop. It has a peculiar habit of dropping the flower cluster a trifle as the second flowering shoot begins to push above the first, and the shoots flower three or four times in succession, a large plant frequently having as many as thirty or forty of the large brilliant clusters of flowers at one time. The foliage is of a rich deep green color.

**Charles Henderson.** A grand variety introduced two years since of a fine crimson color that has become very popular. While it is not quite as rich in color as *Alphonse Bouvier*, its habit of growth is much more compact and uniform, rarely exceeding 3½ feet in height, which makes it a desirable companion to such varieties as *Florence Vaughan* and *Madame Crozy*.

**Denil de St. Grevy.** A grand acquisition; flowers of good size with well-rounded heavy petals of the most intense rich orange scarlet; foliage bronzy purple; very effective. 4½ feet.

**Egendale.** An especially valuable bedding variety with dark foliage similar to the old *Indica* varieties, but with large cherry red flowers of good shape and substance. It is of compact uniform growth, attaining a height of about 4 feet.

**Explorateur Crampbel.** Flowers of good size, borne in large heads and thrown well above the foliage. Its color is a bright orange crimson, with deep crimson markings; foliage green. 4 feet.

**Florence Vaughan.** Undoubtedly one of the finest yellow spotted varieties yet sent out; in color it is of a bright rich golden yellow, spotted with bright red; the flowers, which are of the largest size, of great substance and of perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color; the plants rarely exceed three feet in height.

**J. D. Cabos.** Rich maroon foliage with metallic lustre; flowers very large, of a peculiar rich shade of orange tinged with apricot. 4½ feet high.

**Kaiser Wilhelm II.** Flowers not as large as some of the French varieties but still of good size, and especially valuable on account of its exceedingly floriferous character. It is of a bright red color and the flowers are borne on stout erect stems well above the foliage; it attains a height of about three feet.



**Collection A—Continued.**

**Madame Crozy.** Flowers of a dazzling crimson scarlet, bordered with golden yellow; a marvellous and rich combination of colors. The plant is of vigorous growth yet very dwarf in habit, rarely exceeding four feet in height. The foliage is of rich cheerful green, and very massive. The flowers are produced on large branching stems which are closely set with bloom, each stem being really a bouquet itself. It is remarkably free flowering and can be had in bloom the year around. We first offered this grand Canna in the spring of 1891, and we know of no other plant of which we distributed such a large quantity which gave such general and universal satisfaction. It is to-day, the same as it has been for the past three years, the most popular Canna in cultivation.

**Maurice Mussy.** Rich satiny vermilion scarlet, of large size, with broad rounded petals of good substance; the plant is vigorous and very uniform in its growth, attaining a height of about 4 feet.

**Mrs. Sarah Hill.** Flowers of a rich carmine, of good size, foliage green,  $3\frac{1}{2}$  feet high.

**Paul Marquant.** Another grand variety, and one of the most pleasing and beautiful on account of its large size and entirely distinct and novel color. The flowers, which are larger than in any other variety, stand out from the spike separately in such a manner as to attract special attention. Its color, which is difficult to describe, and which is frequently compared in softness to an Orchid, is of a bright salmon scarlet, passing to a rosy carmine with a peculiar silvery lustre, which lights up the salmon very brightly. The foliage is of a dark green, and its habit very dwarf, growing from 3 to  $3\frac{1}{2}$  feet in height.

Price of the above 12 varieties 20 cts. each, \$2.00 per dozen, \$15.00 per 100. Special prices on application for lots of 250 or upwards.

## Cannas, Collection B.

### Ten Choice Varieties.

**Capitaine P. de Suzzoni.** A good light yellow spotted variety with broad rounded petals, produced in large heavy spikes. The ground color is of a rich canary yellow while the entire flower is spotted with cinnamon red; green massive foliage; grows 5 to 6 feet high.

**Charles Moore.** A very free flowering variety, with medium-sized flowers of a bright yellow, so closely covered with large deep orange spots as to give the entire flower the appearance of being a solid orange when seen from a short distance; foliage green.  $3\frac{1}{2}$  feet.

**Edward Mieg.** A grand acquisition and one of the best of the high colored varieties; bearing very large flowers in immense trusses of a rich vermilion scarlet; a strong, robust grower with dark green foliage, attaining a height of  $3\frac{1}{2}$  feet.



A GROUP OF DWARF FRENCH CANNAS.



**Francois Crozy.** Flowers of a deep shade of salmon, edged with bright yellow; foliage deep green.  $3\frac{1}{2}$  feet.

**L. E. Bally.** Flowers of large size of a light canary yellow spotted with orange, petals heavy and broad; foliage green; plant a strong symmetrical grower, very desirable.  $3\frac{1}{2}$  feet.

**Martin Cahuzae.** The lightest yellow in cultivation, flowers of a good size and substance, produced in large compact heads of a light canary yellow with dark spots.

**Paul Sigrist.** A pretty gilt-edged variety, of a rich dazzling crimson with a broad golden yellow border; this variety shows up well in a wet season or where it can be liberally supplied with water.

**Professor Gerard.** Flowers of a rich crimson scarlet, borne in very large spherical heads thrown well above the foliage, which is broad and massive, of a dark green color with purple edges and stems.  $4\frac{1}{2}$  feet.

**Sophie Buchner.** The strongest growing Canna of the Crozy type in cultivation, with large massive Musa-like foliage of a deep green color, which in rich soil will attain a height of 8 feet or more; the flowers are of a light scarlet overlaid with orange and are produced in bold heavy spikes.

**Otto Froebel.** On the style of Madame Crozy, but with a much wider edge of golden-yellow; a remarkably free-flowering variety.

25 cts. each, \$2.50 per dozen, \$20.00 per 100; the set of ten varieties, one of each, for \$20.00.



## Cannas, Collection C.

### Popular Low-Priced Collection of Twenty-Five Varieties.

We have a large stock of the 25 varieties named in this collection, which enables us to offer them at a very low price. They are all good varieties, many of them having been listed at from 50 cts. to \$1.00 each in our last year's list.

We now offer them at 15 cents each, \$1.50 per dozen, \$10.00 per 100. Special prices will be given on lots of 500 or upward.

**Admiral Gervais.** Somewhat in the way of Madame Crozy. The individual flower is not quite as large, but showing considerably more golden-yellow in its markings. It is of dwarfer habit, never exceeding 3 feet in height.

**Antoine Crozy.** Strong vigorous grower and free blooming; flowers bright cherry carmine.  $4\frac{1}{2}$  feet.

**Admiral Courbet.** Flowers large, light yellow, striped and spotted with crimson; foliage pea-green. 3 feet.

**Baronne De Renoward.** Flowers of fair size, of a rosy salmon overlaid with scarlet; foliage deep green edged with purple.  $3\frac{1}{2}$  feet.

**Camille Bernardin.** A strong growing variety attaining a height of 5 to 6 feet, producing very large salmon colored flowers, with broad shell-like petals, very distinct; foliage green.

**Charles Dippe.** A hybrid between Ehemanni and the French type, with which it is almost identical except in the foliage, which is marked with metallic bronze.

**Cronstadt.** Flowers very large, rich orange, slightly flaked with carmine, entirely distinct and very desirable; foliage bronzy purple.  $4\frac{1}{2}$  feet.

**Comte Horace de Choiseaul.** Flowers of a deep crimson of a large size; foliage deep green.

**Duchess de Montenard.** Very large flowers of a bright yellow spotted with red; foliage green.  $4\frac{1}{2}$  feet.

**Edward Michel.** Large flowers of a rich salmon overlaid with scarlet, marked with yellow; foliage green. 4 feet.

**Geoffroy St. Hillaire.** Large flowers of a rich scarlet overlaid with orange, bronzy purple foliage.  $4\frac{1}{2}$  feet.

**Gustav Sennholz.** A pretty and entirely distinct variety with medium sized flowers, which upon first opening are of a light shade of salmon, which changes, as they fully expand, to a peculiar shade of silvery rose mottled with salmon; foliage green. 3 feet.

**J. Thomaier.** Flowers of very large size, produced in large spikes of a most intensely rich orange scarlet; foliage of a rich bronzy purple. 4 feet.

**La Guill.** Flowers very large, of a beautiful rich salmon; foliage deep green.  $5\frac{1}{2}$  feet.

**Marquise Arthur de L'Aigle.** A most beautiful variety on the general style of Madame Crozy, but with a much wider edge of golden yellow; foliage green.  $3\frac{1}{2}$  feet.

15 cts. each, \$2.50 per dozen, \$10.00 per 100.



PLANT OF QUEEN CHARLOTTE

**Mr. Cleveland.** Flowers very large, of a rich orange scarlet; foliage deep green. 5 feet.

**Nardy Pere.** Of the most intense rich brilliant crimson scarlet; very dazzling; flowers of good size borne in large open heads; foliage dark green, with purple veins and stems. 4 feet.

**Nellie Bowden.** Small flowered but very free, good for massing.

**Paul Bruant.** Intense orange scarlet with peculiar satiny surface, foliage dark green.  $4\frac{1}{2}$  feet.

**Perfection.** Bright golden yellow flowers, minutely spotted with cinnamon red; foliage red.  $3\frac{1}{2}$  feet.

**Princess Lusignani.** Bright glowing orange scarlet shaded crimson; foliage green. 3 feet.

**Progression.** Bright yellow spotted with crimson.

**Secretary Stewart.** Flowers of a bright garnet, borne in large spikes, the flowers being well separated on the spike; foliage green. 4 feet.

**Stadgartner Sennholz.** Flowers of medium size, of the most intense brilliant crimson scarlet; foliage bronzy purple.  $4\frac{1}{2}$  feet.

**Ventura.** Flowers of medium size, of a light red overlaid with carmine; foliage deep green.  $3\frac{1}{2}$  feet.

*The car-load of plants which Mr. Bottomley and I selected at your nursery recently were received promptly, and in fine condition. It is not my policy to give credit where it is not due, but you certainly deserve some expression from us with reference to the packing of our plants. It has been my privilege to inspect the packing of the leading nurseries of the world, and, I am confident, I have seen nothing superior to your method of preparing our plants for the journey from Riverton to this place.*

C. D. BEADLE, Manager of Nursery Department of George W. Vanderbilt, Biltmore, N. C., October 23, 1894.

*I received your shipment of plants two weeks ago in excellent condition. I am very well pleased with the way they were packed; no breakage, and at this time you would think they had been here for months.*

R. BOTTOMLEY, Manager of Greenhouse Department, Biltmore, N. C., October 24, 1894.

*The Crotons were received in fine condition and are perfectly satisfactory; out of the fifteen varieties no two alike. I took them to the Fair in Springfield, where they attracted much attention; do not believe I could have made a better selection myself.*

DEXTER SNOW, Chicopee, Mass.

*The Palms arrived to-day in fine shape. Thanks for the thorough way in which they were packed, also for the extras. Everything very satisfactory to us.*

H. W. GIBSON, Westfield, Mass., September 13, 1894.

*Received Ferns in good order and was satisfied in every respect; they are fine plants.*

JOHN KARSTEN, Chattanooga, Tenn., September 25, 1894.

*Received the plants and bulbs on the 12th inst., and wish to convey to you my most sincere thanks for the elegant plants and choice extras you sent me.*

MRS. J. L. RUTHERFORD, Meriden, Conn., October 15, 1894.

*The three boxes of Ferns and Palms and one of Bulbs arrived in excellent condition in 14 days. In my 35 years as a plantsman I have never yet seen, coming from a commercial place, a healthier or better grown lot of plants. Many thanks for your liberality and excellent care in packing.*

W. G. WALLACE, Portland, Oregon, October 22, 1894.

*The Cannas came all right in first-class condition. It is a pleasure to be served this way. I am very much obliged to you.*

C. F. PFAU, Salt Lake City, Utah, June 20, 1894.

*I want to tell you how delighted I am with the plants you sent me last week. The Palms are perfectly beautiful and so very uniform in size, the foliage clean, and the packing excellent. The Tuberous Begonia bulbs are the best I ever bought.*

MRS. C. A. HENRY, Fostoria, O., Feb. 25, 1894.

*Regarding stock purchased of you, would say it is the best that ever graced our place, and you may expect a continuance of our patronage.*

CHAS. P. GUELF, Brockport, N. Y., August 6, 1894.



# CHRYSANTHEMUMS.

A Selection of the Finest Exhibition Varieties, including the Best of Recent Introduction.

**Ada Spaulding.** Habit most sturdy and robust; color distinct; the lower half of the flower being a rich deep pink, shading in upper portion to the purest pearl white.

**Beau Ideal.** A bright rose pink without a touch of lavender shadings, with broad petals of good substance, flowers of fine size.

**Challenge.** A very late flowering variety, coming into perfection from 25th to 30th of November; the flower is a perfect globe of gold.

**Clinton Chalfant.** A fine large yellow of good form.

**Col. Wm. B. Smith.** An immense double high-built flower, petals very broad and large, forming a solid mass of the richest bright golden bronze.

**Eva Hoyte.** An immense double Japanese bloom of clearest and brightest yellow, a solid ball, full high-built centre.

**Edward Hatch.** Flowers of immense size, almost spherical, outer petals slightly recurved, very double; the color is a soft lemon, suffused with pink.

**Emily Ladenburg.** Incurved Japanese bloom of large size and high-built solid form; deepest crimson; nearest approach to black.

**E. Hitzeroth.** A magnificent extra large flower, petals broad and peculiarly arranged, completely filling centre. Bright lemon yellow, exquisite and novel form.

**Eugene Dailedouze.** There is nothing brighter and clearer in yellows than this grand variety. The flowers are large, full and double, and a free easy grower. It has been awarded first premiums wherever shown.

**Frank Thomson.** A splendid flower, very nearly spherical in form; petals very broad and heavy, and finely incurving; it is very nearly white in color, only showing a touch of pearl-pink at the base of the petals.

**George W. Childs.** The best deep self-colored crimson variety in existence; flowers massive and of immense size, with broad stiff petals, rich dark velvety crimson, without a shade of brown or chestnut.

**Golden Wedding.** Of a rich golden yellow color, intense and dazzling. Flowers 10 to 12 inches in diameter, 4 to 6 inches in depth; petals broad and long, double to the centre without an eye.

**H. L. Sunderbruch.** Bright golden yellow of fine incurved form and large size.

**Harry May.** Flowers very large and deep; full double; forming a massive sphere; color, deep old gold with occasional reddish veins.

**H. F. Spaulding.** A grand Japanese variety of most novel shape and effect. Color rich apricot yellow shading to rose; centre petals clear yellow; bloom solid and double, high built, and of largest size.

**Harry E. Widener.** Bright lemon-yellow without shadings. Flower large, on stiff, stout stems that hold the flowers erect, without support; incurving, forming a large rounded surface; petals crisp and stiff; very free in growth, but not coarse.

**Harry Balsley.** A magnificent variety, of a soft mermet pink in color.

**Ivory.** Snowy white, of perfect form, flowers very large; an early and free flowering variety of dwarf habit.

**Joey Hill.** One of the largest varieties in cultivation; color deep cardinal red of beautiful shade, faced with old gold.

**J. N. May.** Extra large, deep ox blood red, color of Mrs. J. T. Emlin, but much larger and more double; reverse of petals shaded copper bronze; full and solid bloom. A magnificent acquisition.

**Miss Kate Brown.** A very early flowering variety of a pure white color, flowers very large.

**Kioto.** Fine large yellow; a beautiful flower.

**Lilian B. Bird.** Flowers of the largest size, with full high centre; petals tubular; the color is an exquisite shade of shrimp pink.

**Lilian Russell.** A beautiful broad petaled, clear silvery pink, incurving and forming an immense round ball of largest size, an early flowering variety.



CHRYSANTHEMUM, EUGENE DAILEDOUZE.

**M. B. Spaulding.** A grand clear deep lemon yellow, immense in size; petals incurving and interlacing; centre full and high without an eye; one of the most double flowers in commerce.

**Maud Dean.** Extra large flowers, petals broad and incurving, perfectly double and of great substance; pink, almost rose.

**Marie Louise.** A beautiful recurving white, with slender, interlacing petals, forming a plummy globe; a model variety for cut flowers.

**Major Bonafon.** Soft clear yellow, incurved, full in the centre; 6 to 7 inches in diameter and nearly as deep; form and finish perfect.

**Marguerite Graham.** This beautiful variety is of a pure white, incurved of a most perfect form, flowers very erect on stout stems; when opening a pale lemon, changing rapidly to pure white; a grand acquisition.

**Marguerite Jeffords.** A fine flower of bright amber color, of rich and pleasing color; one of the finest varieties grown.

**Miss Minnie Wanamaker.** Creamy white, of very large size, and so much incurved as to resemble a white ball.

**Miss M. E. Simmons.** A brilliant bright yellow, a most peculiarly formed flower that pleases the eye; a good strong grower.

**Mrs. L. C. Madeira.** A perfect compact globe of bright orange color; petals upright, like unopened pointed quills; constitution strong; stems stiff; flowers large and of the heaviest substance.

**Mrs. E. D. Adams.** Very large, petals of medium width, outer ones swirled, as if the flower had been turned swiftly on its stems; color pure white.

**Mrs. J. W. Morrissey.** A mammoth flower with full double centre, color silvery pink, inner surface of petals bright rose; a grand exhibition bloom.

**Mrs. F. L. Ames.** A large finely formed flower, of a brilliant golden yellow.

**Mrs. E. G. Hill.** A very early pink of large size, from 7 to 8 inches in diameter, a grand incurving pink, full to the centre when fully developed; and of a beautiful pearly pink color.



**Chrysanthemums—Continued.**

**Mrs. J. George Hs.** A magnificent ivory white, very massive in build, recurving and petals interlacing; a magnificent variety in every way.

**Mrs. Irving Clark.** Pearly white on the margin, shading to deep rose in the centre, which is beautifully whorled; reflexed; very large and distinct.

**Mrs. J. G. Whilldin.** A handsome light yellow variety of splendid size and form.

**Mrs. A. J. Drexel.** Large flowering, early variety; color crimson lake; form rounded into a half globe.

**Mrs. J. N. Gerard.** A splendid silvery pink variety of fine form, and a very popular sort.

**Mrs. Craigie Lippincott.** A very rich yellow, flowers 8 inches through; the petals are long, large and incurving; a most notable variety.

**Mr. Hicks Arnold.** A strong growing and floriferous variety, bearing large, full double flowers of an old gold color, spherical in shape.

**Mutual Friend.** A reflexed pure white, from 7 to 11 inches in diameter and great depth of flower.

**Niveus.** This is a perfect gem; color snowy white; flowers very large, without the least approach to coarseness. The centre is irregularly incurved, with the outer petals reflexing almost to the stem; constitution robust; foliage large and abundant, while the keeping qualities of the flowers are almost unsurpassed.

**President Wm. R. Smith.** A delicate pure pink, very heavy in substance, borne on strong stiff stems; a fine large well-formed flower.

**Roslyn.** A superb clear mermet rose pink, petals thick and heavy, cup-shaped, solid to the centre, immense in size, stems stiff and erect, covered with the most luxuriant foliage.

**Robert Bottomly.** A grand white variety, surpassing Moonlight in size and substance.

**Shenandoah.** Magnificent broad flower, full and double to the centre, petals over an inch in width, color deep chestnut brown on both upper and lower surfaces, the entire bloom being a solid color without shading; novel and distinct.

**The Queen.** A grand double white, of fine size and great substance.

**V. H. Hallock.** Rosy pearl, of a marked waxy texture; color deepening toward centre.



MARGUERITE GRAHAM.

**Vivian Morel.** Extra large flowers; petals long and loosely arranged; a beautiful light shade of pink.

**Wm. H. Lincoln.** A magnificent golden yellow variety, straight, flat, spreading petals. An extra large flower, completely double, and of great substance.

15 cts. each; \$1.50 per doz. The entire collection, 55 plants in all, one of each variety, for \$6.00.

**A Selection of the Best Early Varieties.**

The following is a selection of the earliest flowering varieties, and is especially suited for flowering without protection in the open garden in sections north of Philadelphia, where many varieties do not perfect their flowers except in unusually favorable seasons.

**Alfred Salter.** Large delicate pink.

**Baron Beust.** Bronzy orange; incurved.

**Bouquet Fatt.** A most beautiful variety, with delicate rosy lilac flowers of good size, shaded silvery rose.

**Leopard.** Amaranth, dotted with white petals which are much twisted.

**Cullingfordi.** The brightest shade of crimson, a large and fine flower.

**Diana.** One of the very best whites in cultivation.

**Duchess of Connaught.** Silvery rose; extra fine.

**Duchess.** Rich deep red, each petal tipped with golden yellow.

**Dr. Stryker.** Beautiful rosy lilac, reverse of petals striped straw color when first opening, changing to a clear rose.

**Gloriosum.** Very fine yellow, with immense flowers, having narrow and long petals, gracefully curved and twisted; very early and one of the best.

**Jessica.** White, very long petals, shows a lemon eye when fully expanded; a great bloomer.

**John Collins.** Very large flower; bronzy purple.

**L. Canning.** A singularly large and handsome pure white flower, of dwarf but vigorous and compact growth; a grand pot plant.

**Miss Mary Weightman.** A magnificent chrome yellow, in form loose and feathery, but very large and full. Early.

**Mrs. R. Elliott.** A fine pure yellow flower; petals long, narrow and slightly drooping.

**Puritan.** One of the very finest white sorts in cultivation, large and free, and of very good habit; a magnificent flower.

**Source D'Or.** Golden yellow, tipped and shaded brown; very regular and one of the very best.

**Tokio.** Rich bronzy crimson.

10 cts. each; \$1.00 per dozen; set of 18 for \$1.50.

**OSTRICH PLUME VARIETIES.**

**Mrs. Alpheus Hardy.** Purest white, large and well formed. Thickly studded with a feathery growth.

**Louis Boehmer.** This is identical with the above variety, but its color is an exquisite shade of silvery pink, with deep rose on the inside of the petals.

**L'Enfant des Deux Mondes.** A white sport from Louis Boehmer, of large size and fine build, very heavily plumed.

**Monarch of Ostrich Plumes.** Bright chrome yellow, shaded with amber; flowers very large and full, finely incurved.

**Mrs. Wm. Trelease.** Very large violet pink flowers. 15 cts. each; set of 5 for 60 cts.

**POMPONE CHRYSANTHEMUMS.**

**Black Douglas.** Brilliant crimson; good shape.

**Golden Pheasant.** Rich golden yellow; fine form.

**M. Schmidt.** Yellow tipped with crimson.

**La Fiancee.** Pure white, fringed; fine for cut flowers.

**Princess Louise.** Deep rose.

**Princess Meletia.** White fringed; fine.

10 cts. each; the set of 6 for 50 cts.



# CHRYSANTHEMUMS—*Continued.*

## A Selection of Twenty Good Old Varieties.

**Advance.** A beautiful shade of rosy pink; flowers of the largest size and very double.

**Christmas Eve.** One of the finest late flowering whites in cultivation; pure snowy white.

**Elk's Horn.** Pearl color; full and globular flower; somewhat resembles the horns of the elk.

**Elmer D. Smith.** Color cardinal red, of a very rich pleasing shade, faced upon the back of the petals with clear chamois.

**E. G. Hill.** Immense bloom of brightest golden yellow, full and very double. Lower petals sometimes deeply shaded bright carmine.

**Frank Wilcox.** Erect petals, slightly toothed, rich golden amber, slightly shaded deep bronze.

**G. P. Rawson.** A superb double variety, very large, of an entirely new stock. Rich buff with centre petals of bright nankeen and apricot yellow.

**John Lane.** A magnificent pink ball in appearance; fine for pots, splendid for cutting. Color a rose pink, with peach or light shadings on under side of petals, ends of centre petals tipped with gold.

**John Goode.** This is a fancy cut-flower variety of almost globular form, of the finest silky finish, and destined to become a standard sort for cultivating; the outer petals are delicate lavender, forming a decided band of color; the inner petals are clear lemon.

**Jas. R. Pitcher.** A large reflex flower of the Japanese type, very full and of great depth. Color light delicate blush, turning to pure white as the flower matures.

**Miss Mary Wheeler.** Pearly white, the petals delicately tinted on the outer edge with pale pink; of exquisite form; very beautiful.

**Mrs. Langtry.** A perfectly formed flat flower, of unusual size and perfection. Snow-white in color, with broad bands or ribbon petals.

**Mons. Boyer.** Lilac rose; shaded white; curled florets.

**Mrs. M. J. Thomas.** Pure white, very broad petals, incurved.

**Mermaid.** A soft mellow pink, with deeper shading on the outer edge, while at the base it is of a deep cream; a fine incurving globular flower.

**Mrs. Geo. Bullock.** Flowers pure white, of the largest size; one of the best.

**Rohallion.** Rich yellow, deepening to chrome; petals long and twisted.

**Victor.** One of the very best flowers, exceptionally fine and most perfect in shape; in color it is a rich golden yellow slightly shaded with bronze.

**Sugar Loaf.** This is a variety for everybody. It is the freest-growing and freest-flowering sort that we know, and under the most ordinary treatment produces quantities of flowers of the grandest size. The color is varying shades of yellow, often shaded bronze.

**W. W. Coles.** A peculiar shade of terra cotta shaded brownish orange; large and distinct.



CHRYSANTHEMUM, LEOPARD.

10 cts. each; \$1.00 per dozen; set of 20 for \$1.50.



CALADIUM ESCULENTUM.

## Caladium Esculentum.

### Elephant's Ear.

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water, and an abundance of rich compost. Foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 feet long by 2½ feet wide.

Extra large bulbs, 12 to 14 inches in circumference, 50 cts. each.

First size bulbs, 10 to 12 inches in circumference, 35 cts. each; \$3.50 per dozen.

Second size bulbs, 8 to 10 inches in circumference, 25 cts. each; \$2.50 per dozen.

Third size bulbs, 6 to 8 inches in circumference, 15 cts. each; \$1.50 per dozen.

### CALADIUM BATAVIENSIS.

Similar to Esculentum in form, but bearing dark green leaves with black stems. 15 and 25 cts. each; \$1.50 and \$2.50 per doz.





CLERODENDRON BALFOURI.

**CLERODENDRON BALFOURI.**

A beautiful greenhouse climber and admirably suited for house culture; flowering most profusely with bright scarlet flowers, enveloped in a creamy white calyx. 25 cts. each.

**CISSUS DISCOLOR.**

A beautiful climber for hanging baskets, with mottled and marbled crimson and green foliage. 30 cts. each.



CESTRUM PARQUI.

**CESTRUM PARQUI.**

(Night Blooming Jasmine.)

A beautiful tender shrub of easy cultivation, with small greenish white flowers, of delightful fragrance which is dispensed during the night only. 15 cts. each.

**COBEA SCANDENS.**

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. For covering arbors, trellises, etc., it is indispensable, as its dark green foliage and pretty flowers make it very attractive. 15 to 25 cts. each; \$1.50 to \$2.50 per dozen.

**CROTONS.**

Of this beautiful class of ornamental foliage plants we offer twelve of the finest varieties. 30 to 50 cts. each; \$3.00 to \$5.00 per doz.

**CLIVIA MINIATUM (IMANTOPHYLLUM).**

A pretty Lily-like plant of the easiest culture, and a most desirable house plant; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about two inches long and are borne in dense clusters of from ten to twenty flowers on each; in color it is of a fine orange red shading to buff. We offer good strong plants at 75 cts. each.

**CYCLAMEN PERSICUM GIGANTEUM.**

A charming greenhouse bulb, which succeeds admirably in the house; flowers of good substance, lasting a long time in bloom, ranging in color from purest white to pink and crimson scarlet, foliage beautifully mottled; 30 to 50 cts. each. See page 52 for illustration and offer of seeds of some choice varieties.

**Cycas Revoluta.**

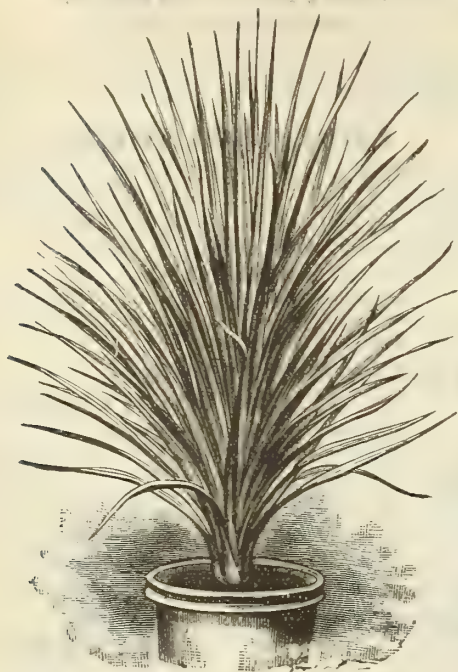
(Sago Palm.)

These are magnificent plants of noble and majestic habit, and most impressive. They are probably the most valuable decorative plants grown both for lawn and house decoration; their heavy glossy deep green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed. We grow an immense stock of these, and can supply fine specimens at \$5.00, \$10.00, \$15.00, \$25.00 and \$35.00 each. Small bulbs with one leaf 25 cts. each.



CYCAS REVOLUTA.





DRACÆNA INDIVISA.

## DRACÆNAS.

**Amabilis.** Green, white and pale violet; strong plants. 50 cts. to \$1.00 each.

**Baptisti.** Green, creamy-white flakes flushed with rose. 50 cts. to \$1.00 each.

**Goldeana.** Irregularly banded with dark green and silver gray in alternate straight bands. \$1.50 to \$3.00 each.

**Imperialis.** A strong growing variety, with large deep rose and creamy white foliage. 50 cts. to \$1.00 each.

**Shepherdii.** A strong growing variety, with deep green foliage, edged and striped with light green or yellow. 50 cts. to \$1.00 each.

**Terminalis.** Rich crimson foliage marked with pink and white. 30 cts. to 50 cts. each.

**Youngi.** Light green changing to copper color. 50 cts. to \$1.00 each.

### DRACÆNA FRAGRANS.

A superb African species, with beautiful deep green leaves, lighter in the young growth. Though having no variegations or markings in the foliage, this is one of the most admired of the decorative species, its elegant habit and extremely beautiful lively coloring giving it marked value. It is a rapid grower, and for room adornment or as a vase plant for out-of-door use it is indispensable. 50 cts. to \$1.00 each.

### DRACÆNA LINDENI.

A beautiful variegated form of *Fragrans*, with broad green foliage and golden yellow stripes on the edges of the leaves. 50 cts. to \$1.50 each.

### DRACÆNA MASANGEANA.

Another variegated form of the above with the variegation through the centre of the leaf instead of on the edges. 50 cts. to \$1.50 each.

### DRACÆNA (CORDYLIN).

The Cordylines are especially well adapted for centres of vases, baskets, etc.; the bright green narrow foliage contrasting well with other foliage and flowering plants.

**Australis.** A very long, narrow, graceful foliage.

**Indivisa.** Long foliage; green, graceful.

**Veitchii.** Long foliage, brown streaked. 25 to 50 cts. each.

### DIEFFENBACHIA BAUSEI.

A stove plant of easy culture, foliage yellowish green, margined and irregularly blotched with dark green, and profusely spotted with white. 50 cts. each.



DRACÆNA IMPERIALIS.

## DOUBLE WHITE DAISY, SNOW CREST.

A most distinct variety and an improvement on all existing sorts. Its habit of growth and size of flowers, in comparison with older varieties, is gigantic. The flowers, which are borne on stout, stiff stems from 6 to 10 inches long, are of the purest white and full to the centre. When fully developed they rise to a conical or sugar-loaf form, and well-grown specimens will cover a silver dollar. It makes an admirable hardy garden plant or may be forced for cut flowers under the same treatment as violets. 10 cts. each; \$1.00 per dozen.

## EUCHARIS AMAZONICA.

A splendid hot-house plant, blooming nearly the entire season. It sends up stalks bearing several pure white, star-shaped flowers, 4 inches across, delightfully fragrant. It is very highly prized in bouquets, baskets, etc. Pot in light rich soil, well drained; water freely in the growing season, giving a slight rest in fall. 30 cts. to 50 cts. each.



DOUBLE WHITE DAISY SNOW CREST.



# DAHLIAS.

## NEW CACTUS DAHLIA "NYMPHÆ."

(The Pink Water-Lily Dahlia.)

An entirely distinct and novel variety of perfect shape, producing flowers of large size, with heavy broad petals, those of the centre being somewhat cupped or incurved. The color is a clear, distinct, light-shrimp pink, shading slightly darker towards the outer petals, a color difficult to describe and which is rare in all plants. This peculiar color and its form have suggested the name, Water-Lily Dahlia.

Strong roots 35 cts. each; 3 for \$1.00  
" plants 25 cts. " 5 for \$1.00

### New Cut-Leaved Single Dahlia ANNIE BARILLET.

A beautiful new variety with very rich scarlet, crimson flowers of the most perfect shape, with a deep purplish maroon foliage, contrasting finely with other light-leaved varieties. 30 cts. each; \$3.00 per dozen.

### SET OF 12 LARGE FLOWERING DOUBLE DAHLIAS.

**Arabella.** Yellow, tipped with pink and shaded bronze.

**Diadem.** Deep, rich crimson.

**Excellent.** A finely formed flower of a distinct bright red.

**Geo. Rawlins.** Dark, rich maroon.

**Geo. Smith.** Fine large magenta.

**Marguerite.** Lilac pink of very fine form, one of the best.

**Miss Henshaw.** A fine large pure white of fine form.

**Nero.** Crimson maroon.

**Penelope.** White, tipped with purple; fine.

**President.** White, centre of flower tipped and shaded with purple.

**Queen of the Yellow.** A free flowering fine yellow.

**Wacht am Rhine.** A peculiar shade of lilac.

Dry roots 25 cents each; set of 12 for \$2.50.

Strong plants 15 cents each; set of 12 for \$1.50.

### SIX FINE SINGLE DAHLIAS.

**Empress.** Pure white, embellished with a yellow rayed centre.

**Eclipse.** Most perfect flowers, slightly recurved, of a pleasing rosy mauve and salmon, having a distinct band around the disc, which is of rich crimson, rendering it very attractive.

**Isaac Pitman.** One of the finest striped varieties and remarkably constant. The flowers are large, of fine form, lilac, conspicuously striped with crimson and maroon.

**Kate.** A bright orange maroon of a shade difficult to describe, and one of the most effective of the high colored sorts.

**Maude.** Pure white, each petal distinctly margined with a broad band of maroon; a remarkable blending of colors, and extremely effective.

**Miss Ramsbottom.** A most lovely pink shaded cerise.

Dry roots 25 cents each; set of 6 for \$1.25.

Strong plants 15 cents each; set of 6 for 75 cents.

### TWELVE BEST CACTUS DAHLIAS.

**Cochineal.** Brilliant crimson.

**Formosissima Picta.** Orange color with bright scarlet stripes; a distinct and taking flower.

**Harry Freeman.** A most beautiful, glistening snow-white, of good form and substance.

**Honoraria.** Distinct from all other sorts; a peculiar shade of amber.

**John Bragg.** Color of the richest black maroon; flowers of good size, raised well above the foliage.

**Mrs. Hawkins.** Of close, neat habit; rich sulphur-yellow, shading lighter toward the tips and slightly tinted red; a lovely flower.

**Mrs. Glasse.** Crimson maroon, shading to scarlet towards the centre; very dwarf.

**Miss Barry.** Deep rosy lake; a shade quite new in this type of Dahlia.

**Panthia.** Rich reddish salmon, peculiar and striking.

**Professor Baldwin.** Bright orange scarlet.

**Robert Maher.** A rich golden yellow; the best of its type.

**Sidney Hollings.** Rich deep purple maroon; one of the darkest in cultivation.

Dry roots 25 cts. each; set of 12 for \$2.50.

Plants 15 cts. " " " 1.50.

### TWELVE BEST POMPONE DAHLIAS.

**Ariel.** Rich, clear orange buff, of perfect shape.

**Catherine.** Bright yellow, very distinct.

**Crimson Beauty.** Finest crimson.

**Dr Schwebbs.** Fine, rich crimson scarlet.

**E. F. Jungker.** Amber, small, compact flower.

**Guiding Star.** One of the very finest whites.

**Kleine Domitea.** Orange buff, fine, always in bloom.

**Leila.** Reddish buff, tipped with scarlet.

**Mignon.** Very bright crimson scarlet.

**Prince of Liliputians.** Deep maroon.

**Vivid.** Bright orange scarlet, fine form, very free.

**William Buchner.** Lilac, tipped yellow.

Dry roots 25 cts. each; set of 12 for \$2.50.

Strong plants 15 cts; " " " 1.50.



DAHLIA NYMPHÆ.





ERYTHRINA CRISTA-GALLI.

**ERYTHRINA CRISTA-GALLI.**

(Coral Plant.)

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes 18 inches long. Planted in May they will flower profusely through the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth. 25 cents each; 5 for \$1.00; 12 for \$2.00. A limited number of strong 3-year-old plants \$1.00 each.

**FICUS.**

**Ficus Elastica.** The well-known India-Rubber Tree, one of the very best plants for table or parlor decoration; its thick leathery leaves enable it to stand excessive heat and dryness, while its deep glossy green color always presents a cheerful aspect. Fine plants 50 cts., 75 cts., and \$1.00 each.

**Ficus Elastica Variegata.** This is undoubtedly one of the finest decorative ornamental foliage plants of late introduction. In habit and growth it is like the ordinary *F. elastica*, but the leaves of this novel plant have a pleasing yellow variegation throughout. In every respect a most charming plant. Fine plants 75 cts. to \$1.50 each.

**Ficus Repens.** A trailing or creeping variety with small foliage, useful for baskets. 25 cents.



FICUS ELASTICA.



FICUS ELASTICA VARIEGATA.



FUCHSIA, MRS. E. G. HILL.

**FUCHSIAS.***Varieties marked with an \* are double.*

**Arabella.** White tube and sepals, rose corolla; early.

**Black Prince.** Bright waxy carmine, pink corolla.

**\*Elm City.** Crimson sepals, fine dark corolla.

**\*Mrs. E. G. Hill.** Rich crimson, white corolla.

**\*Phenomenal.** Rich crimson, corolla full and double.

**Carl Halt.** Sepals white, corolla crimson striped white.

**Duchess of Albany.** White, rosy crimson corolla.

**\*Rosaine's Patri.** A fine early-flowering double white.

**\*Purple Prince.** A fine dwarf distinct blue.

**Wave of Life.** Golden foliage; crimson tube and sepals and fine purple corolla.

**\*Jupiter.** Sepals coral red, corolla violet blue.

**Monsieur Thibaut.** Flowers very large, sepals dark red, corolla vermilion-tinted violet.

15 cts. each; the set of 12 for \$1.50.

**NEW DWARF FUCHSIA****"LITTLE BEAUTY."**

This charming variety is a perfect gem, and is undoubtedly the freest flowering Fuchsia ever introduced, beginning to bloom when only two inches high, and continues in flower the year round. As many as one hundred and fifty open flowers and buds have been counted on a single plant in a four-inch pot at one time. The flowers are of fair size, being  $1\frac{1}{2}$  inches long, with bright red tube and sepals and purple corolla.

30 cts. each; 4 for \$1.00.

**FARFUGIUM GRANDE.**

A beautiful ornamental foliage plant either for pot culture or for planting in the open border in a shaded position; the leaves, from 8 to 10 inches in diameter, are of a thick leathery texture, dark green in color, with bright yellow spots. 25 cts. each; \$2.50 per dozen.

**LAPAGERIA.**

Most beautiful greenhouse climbers, bearing large pendant waxy flowers.

**Lapageria Rosea.** Rich rosy crimson. \$2.50 each.

— **Alba.** Pure waxy white. \$4.00.



# FERNS.

No collection of plants is complete without Ferns. The selection we offer embraces the best varieties of this beautiful class of plants, whose diversity and gracefulness of foliage make them peculiarly fitted to combine with other fine plants and flowers.

The popularity of Ferns has increased wonderfully in the past few years, and they are now indispensable in all choice floral decorations, and are especially valued for fereries for room and table decoration.

Where there is moisture and shade most of the varieties succeed well when planted out-of-doors; they delight in a light soil mixed with sand and peat or leaf mould; good drainage must be provided, as stagnant water is fatal to success.



DAVALLIA STRICTA.

## ADIANTUMS—(Maiden-Hair Ferns)

- Adiantum Anitense.** A strong upright growing variety, with deep green leathery foliage. 25 cts.
- **Bellum.** A beautiful variety, with tufted fronds about 4 inches long. 15 cts.
- **Concinnum.** Light green, recurving. 15 cts.
- \*— **Concinnum Latum.** Similar to the above, but of erect habit. 15 cts.
- \*— **Cuneatum.** The popular Maiden Hair. 25 to 50 cts.
- \*— **Cuneatum Grandiceps.** A very beautiful form of A. Cuneatum, having long graceful fronds, with the ends of the fronds developed into bunching tasselled heads; a distinct and lovely variety. 25 and 50 cts. each.
- \*— **Decorum.** A strong growing variety, with bronzy foliage. 15 cts.
- \*— **Dolabriforme.** A remarkable Fern of peculiar creeping habit, with long drooping fronds, at the ends of which young plants form; admirably adapted for growing in hanging-baskets. 25 cts.
- **Elegans.** 15 cts.
- **Farleyense.** This is the finest of all the Maiden Hair varieties. 50 cts., \$1.00, \$2.00 each.
- \*— **Gracillimum.** Smallest and most graceful Maiden Hair. 25 cts.
- **Le Grandi.** Dwarf, compact, fine foliage. 15 cts.
- **Macrophyllum.** Foliage large, of a bronzy crimson color in the young state, changing to deep green; one of the best. 50 cts.
- **Mundullum.** 15 cts.



DAVALLIA FIJIENSIS PLUMOSA.

- \*— **Adiantum Pubescens.** A useful basket variety. 15 cts.
- **Pulverulentum.** 15 cts.
- **Rhodophyllum.** An elegant dwarf growing species with large bronzy foliage. 50 cts.
- **Rhomboideum.** A strong growing large-leaved species. 25 cts.
- **Wiegandi.** A pretty little species, with peculiarly crested and overlapping pinnae. 25 cts.
- Allosorus Andromedæfolia.** A small growing variety with deeply cut pinnae of a dark green color.
- Asplenium Belangeri.** An easy growing species, with pretty divided pinnae. 25 cts.
- **Biforme.** 25 cts.
- **Salicifolia.** 50 cts.
- **Luxum Pumilum.** 25 cts.
- Alsophila Australis.** Australian tree-fern, a very rapid growing species. 25 and 50 cts.
- Blechnum Braziliense.** A strong growing species, useful for decorative purposes. 25 cts.
- Cibotium Glaucum.** } Splendid Tree Ferns.  
                   **Regale.** }  
                   **Schiedei.** } 50 cts. to \$1.00 each.
- Cyrtomium Falcatum.** One of the most desirable Ferns for house culture; a strong growing variety with large deep green foliage. 15 cts.
- \*— **Caryotidium.** 15 cts.
- **Fortunei.** 15 cts.



LASTREA ARISTATA VARIEGATA.

- Davallia Fijiensis Majus.** A most useful variety, elegant to grow into specimen plants either in large pots or hanging baskets. 25 cts.
- \*— **Davallia Stricta.** One of the finest Ferns in cultivation, whether for growing as a decorative plant in the room or planting out; the fronds are of strong texture and of a beautiful shade of green. 25 and 50 cts.
- Davallia Fijiensis Plumosa.** A charming evergreen Fern, with gracefully arching fronds, of easy and rapid growth. 25 to 50 cts.
- Davallia Mooreana.** An elegant exhibition Fern of rapid growth. 50 cts.
- \*— **Dicksonia Antaretica.** 25 cts.
- Didymochlena Truncutula.** 25 cts.
- Doryopteris Nobilis.** 50 cts.



## FERNS—Continued.



MICROLEPIA HIRTA CRISTATA.

**Gymnogramma Argyrophylla.** Silver Fern. 15 cts.

— **Sulphurea.** Sulphur Fern. 15 cts.

— **Schizophylla.** 15 cts.

\* **Lastrea Aristata Variegata.** This most beautiful variety has a broad band of yellowish green running through the pinnules; very ornamental. 25 cts.

**Lastrea Multifida.** A pretty species, with finely crested pinnæ. 15 cts.

**Lastrea Opaca.** A pretty species with dark green triangular foliage. 15 cts.

\* **Lomaria Ciliata.** A dwarf Tree-Fern. 15 cts.

**Microlepia Cristata.** A most useful decorative Fern, indispensable in any collection. 25 to 50 cts.

The varieties marked with an \* are such as we grow in very large quantities in 2½ inch and 3 inch pots. They are sorts that are best adapted for planting in fern dishes for table decoration. We can supply these varieties in quantities of not less than 25 plants (2½ inch pots) at \$8.00 per 100; (3 inch pots) at \$10.00 per 100.

We will furnish the entire collection of Ferns, 75 varieties, which includes one each of the new varieties, for \$12.00.

We can also supply specimen plants grown in 10 to 12 inch pans, which make beautiful plants for decorative purposes, of nearly all the above varieties, at from \$1.00 to \$3.00 each.

## NEW FERNS.

## ADIANTUM CUNEATUM

## VARIEGATUM.

A new variegated variety of the common Maiden-hair Fern (*A. cuneatum*), having the same free growth and graceful habit as that popular and well-known variety. The beautiful green and white variegation of the foliage gives the plant a unique and charming appearance. 25 cts. each.

## ONYCHIUM AURATUM.

A most desirable species, with very finely divided pinnæ, and excellent for table decoration or exhibition purposes. 25 cts. each.

## PTERIS TREMULA SMITHIANA.

A crested form of the well-known *Pteris tremula*, with large deep green fronds, with the ends of the pinnæ crested and tasseled, forming semi-pendent tufts. The whole plant presents a unique but graceful appearance, and will make one of the best large growing Ferns in cultivation, especially for exhibition purposes. 30 cts. each.

## PTERIS VICTORIA.

A most remarkable and beautifully variegated Pteris, and undoubtedly one of the most striking and desirable Ferns of recent introduction. The foliage is neatly divided, the sterile fronds being much wider than the fertile ones, thus giving the plant a most chaste and lovely appearance. The fronds are of a rich green color, with beautiful silvery white variegation. Our stock of this variety being very large enables us to offer it at a popular price. 15 cts. each.



NEW VARIEGATED FERN, PTERIS VICTORIA.

**Nephrolepis Davalleoides Furcans.** A beautiful and distinct crested variety, with numerous arching fronds 3 to 4 feet long. 50 cts. to \$2.00.

**Nephrolepis Phillipense.** A pretty narrow-leaved form of the Sword Fern, with dark green foliage, very desirable as a basket plant. 25 cts.

**Nephrolepis Exaltata.** The Sword Fern. 15 to 25 cts.  
— **Rufescens Tripinatifida.** A beautiful variety of robust growth, producing gracefully arching fronds from four to five feet long. 50 cts.

**Nephrodium Hertipes.** 15 cts.

\* **Onychium Japonicum.** 15 cts.

\* **Polystichum Coreaceum.** 15 cts.

**Polystichum Prolifera.** 25 cts.

\* **Polypodium Aureum.** Large foliage of a distinct bluish color. 15 cts.

\* — **Fraxinellifolia.** 15 cts.

\* **Pteris Argyrea.** One of the most useful Ferns for all purposes, large, bold foliage, with broad band of white through the centre of each frond. 15 cts.

\* — **Cretica Albo-Lineata.** A pretty and useful variegated variety. 15 cts.

\* — **Cretica Magnifica.** Beautiful crested fronds. 15 cts.

\* — **Hastata.** A useful variety, with black stems and dark green fronds, fine for baskets. 15 cts.

\* — **Leptophylla.** Silvery-green foliage. 15 cts.

— **Tricolor.** A beautiful variegated variety. 25 cts.

— **Mayii.** 25 cts.

\* — **Palmata.** Bold, deep green foliage. 15 cts.

\* — **Serrulata.** A useful basket Fern. 15 cts.

\* — **Serrulata Cristata.** A pretty crested Fern. 15 cts.

— **Serrulata Cristata Nana Compacta.** A very dwarf variety; makes a beautiful specimen plant. 15 cts.

\* — **Sieboldi.** 15 cts.

\* — **Owrdardi.** 15 cts.

\* — **Tremula.** Well known and useful Fern. 15 cts.



## GERANIUMS.

## SIX FINE NEW DOUBLE VARIETIES.

The following varieties have been selected as the cream from the latest introductions, and are certain to please.

**Colossus.** One of the very largest and finest among the double reds, flowers quite circular, 2½ inches in diameter, of a rich shade of rosy crimson; very free in bloom.

**Double Guinea.** A decided acquisition of a very bright orange yellow color, florets and trusses very large; probably the nearest approach to a yellow yet sent out.

**Fleur de Neige.** Carries enormous trusses on long footstalks well above the foliage; the florets are semi-double, of peculiarly charming form and of the purest white color.

**Ernest Kelway.** Vivid scarlet, with grand truss; everything that could be desired, both in habit and quality of bloom.

**Lord Tennyson.** One of the finest new English varieties, very large semi-double flowers of a fiery salmon color.

**Picotee.** Distinct and unique in appearance on account of the quilled and scalloped formation of the petals; color, white with bright salmon pink base.

35 cts. each; the set of 6 varieties for \$2.00.

## SIX FINE NEW SINGLE GERANIUMS.

**Cannell's Favorite.** Splendid habit, fine floret and truss, very dwarf and free. Color, rosy crimson running through several shades of red, with fine white eye.

**Gustav Moreau.** Trusses exceptionally large, florets of fine size and form; color, soft silvery lilac, lighter at the centre.

**Hecla.** Crimson-scarlet or carmine, of the loveliest shade; florets very large and finely formed.

**John Forbes.** An enormous flower of bright shining scarlet; very striking.

**Wonderful.** An exquisite beautiful large round flowered salmon, bordered silvery white.

30 cts. each; the set of 6 for \$1.50.

## TWELVE BEST SINGLE GERANIUMS.

**A. Poirier.** Of a peculiar carmine violet color, upper petals distinctly marked with violet.

**Gen. Grant.** A favorite scarlet for massing.

**John Salter.** Salmon tipped with white.

**Juliette.** Pink, marbled with white.

**Marguerite de Layres.** A most excellent pure white.

**Mrs. E. G. Hill.** Bright salmon with light centre, very large trusses.

**Queen Olga.** The best pink bedder.

**Rev. Mr. Atkinson.** Dark rich crimson, large truss.

**R. Mason.** One of the finest deep crimson bedders.

**Souvenir de Mirande.** Upper petals creamy white, rosy pink border; lower petals salmon rose streaked with white.

**Sam Sloan.** Velvety crimson with immense trusses.

**Univers.** Very dark crimson-scarlet of a beautiful dazzling shade; florets extra large.

15 cents each; \$1.50 per dozen; \$8.00 per 100.

## TWELVE BEST DOUBLE GERANIUMS.

**Anatole de la Forge.** Bright rosy magenta.

**Bruanti.** Best scarlet bedder in cultivation.

**Beaute Poitevin.** Brilliant salmon of immense size; the best of its color.

**Bishop Wood.** Scarlet overlaid with carmine.

**Catulle Mendes.** Purplish rose of a beautiful tint, upper petals marked with white.

**Emile de Girardin.** A fine double pink.

**Geo. Thorpe.** Of the most intense crimson, very free, a good bedder.

**La Favorite.** Finest double white.

**La Pilote.** Brilliant crimson scarlet, full and free; a grand bedder.

**Mrs. Hayes.** Best pink bedder, large truss.

**Maggie Hallock.** Deep salmon pink.

**Montesquii.** Rosy mauve lilac with shadings, distinct.

15 cts. each; \$1.50 per dozen; \$8.00 per 100.

## VARIEGATED GERANIUMS.

As an ornament for the parlor or conservatory, or for bedding purposes, nothing excels this class of beautiful plants; the flowers are quite an attractive addition to the richness of foliage.

**Bronze Model.** Golden bronze type, splendid dark zone on a yellow ground; scarlet flowers.

**Golden Harry Heiover.** Golden bronze type, small leaf with dark chocolate zone on bright yellow ground.

**Happy Thought.** Large yellow blotch in the centre of the leaf, with an outer band of green in the margin; flowers rich rose; habit dwarf. A good bedder.

**Mrs. Pollock.** One of the most beautiful of golden tri-colors; bronzy scarlet zone, golden edge, scarlet flowers.

**Mountain of Snow.** Silver edge; vigorous grower.

20 cts. each; \$2.00 per doz.; set of 5 for 75 cts.





## Twelve Best Double Ivy-Leaved Geraniums.

The improvements in this class of plants for the past few years are very striking. The list we offer is a selection of the very finest new and old varieties.

**Augusta Victoria.** Flowers of a magenta shade, beautiful round pips, and very double; habit short-jointed.

**Camille Flammarion.** Large, full, cup-shaped flowers, of a deep rose color.

**Count de Choiseul.** Rich cherry pink.

**De Quatrefages.** Large open flowers of a bright shade of violet-magenta.

**Eden Marchii.** Pinkish crimson, large flowers.

**Eurydice.** Rose mauve, shaded red; very double.

**Jeanne D'Arc.** One of the finest pure white.

**La Rosiere.**

Bright pink.

**La Printemps.**

Rosy red.

**M. de Les-**

**seps.** A delicate shade of pink.

**Mme. Thibaut.**

Rosycarmine, very full.

**Souvenir de**

**Chas. Turner.**

Deep pink, feathered

maroon in the

upper petals;

immense trusses.

15 cents

each; set of

twelve varieties

for \$1.50.



DOUBLE IVY-LEAVED GERANIUM.

### SEMI-DOUBLE IVY-LEAVED GERANIUM,

#### P. CROZY.

A most distinct and pleasing variety, being the nearest approach to a scarlet yet introduced; habit of plant very dwarf and compact, and one of the most prolific flowering sorts in existence. 15 cts. each.

### SCENTED GERANIUMS.

**Apple. Mrs. Taylor.** Rose. Shrubland Pet.

**Pennyroyal or Cut-Leaved Rose.**

15 cts. each; \$1.50 per doz.; set of 5 for 60 cts.

## The Moonflowers.

### IPOMŒA NOCTIFLORA.

If placed out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will attain a height of 40 feet by October 25th, blooming abundantly the entire season. It is called "Moon Flower" from its rare peculiarity of blooming best at night, although it also expands its flowers in dull days; the flowers are of pure white, from 5 to 6 inches in diameter, emitting a rich Jessamine-like odor at night. 10 cts. each; 12 for \$1.00.

### BLUE DAWN FLOWER.

(Ipomœa Learii.)

This makes a splendid companion to plant with the white "Moon Flower." The flowers are the most intense violet-blue, with reddish purple rays, and are six inches across. There is nothing of its color that exceeds in richness the flowers of Ipomœa Learii. 10 cts. each; 12 for \$1.00.

### IPOMŒA MEXICANA, PALMATA OR PANICULATA.

A distinct and pretty Mexican species, bearing fine clusters of large purplish rose-colored flowers; it grows rapidly and succeeds in almost any position; as a plant for covering arbors, verandas, etc., it is invaluable; being tuberous-rooted, it may be wintered like a Dahlia. 15 cts. each; \$1.50 per doz.



HELIOTROPE, LIZZIE COOK.

## HELIOTROPES.

**Chieftain.** Lilac, large truss.

**Madame de Blonay.** Large truss, nearly pure white.

**Lizzie Cook.** Of the deepest violet-purple, with large, white eye, and very fragrant.

10 cents each; \$1.00 per dozen; set of 3 for 25 cts.

### NEW HELIOTROPES.

**Comtesse de Mortemarte.** Very fine flowering and exceedingly sweet; dark velvety blue, with white eye.

**Mireille.** Florets of immense size, very delicate pearl.

**Madame Ad. Dubouche.** Trusses of enormous size, soft and mossy looking; color velvety violet.

15 cts. each; set of three for 40 cts.

## JASMINUM.

**Jasminum Gracillimum.** Exceedingly floriferous; a flowering shoot is produced from every joint, which terminates in a dense cluster of pure white fragrant flowers; in bloom from Oct. to Feb. 30 cts. each.

**Jasminum Grandiflorum** (Star Jasmine or Catalanian Jasmine). This variety is an old favorite and undoubtedly the most satisfactory for general culture; it flowers almost the entire season and is especially valuable as a house plant in winter; pure white, deliciously scented. 25 cts. each.

— **Grand Duke.** Large double white, imbricated flowers; fragrant. 30 cts. each.

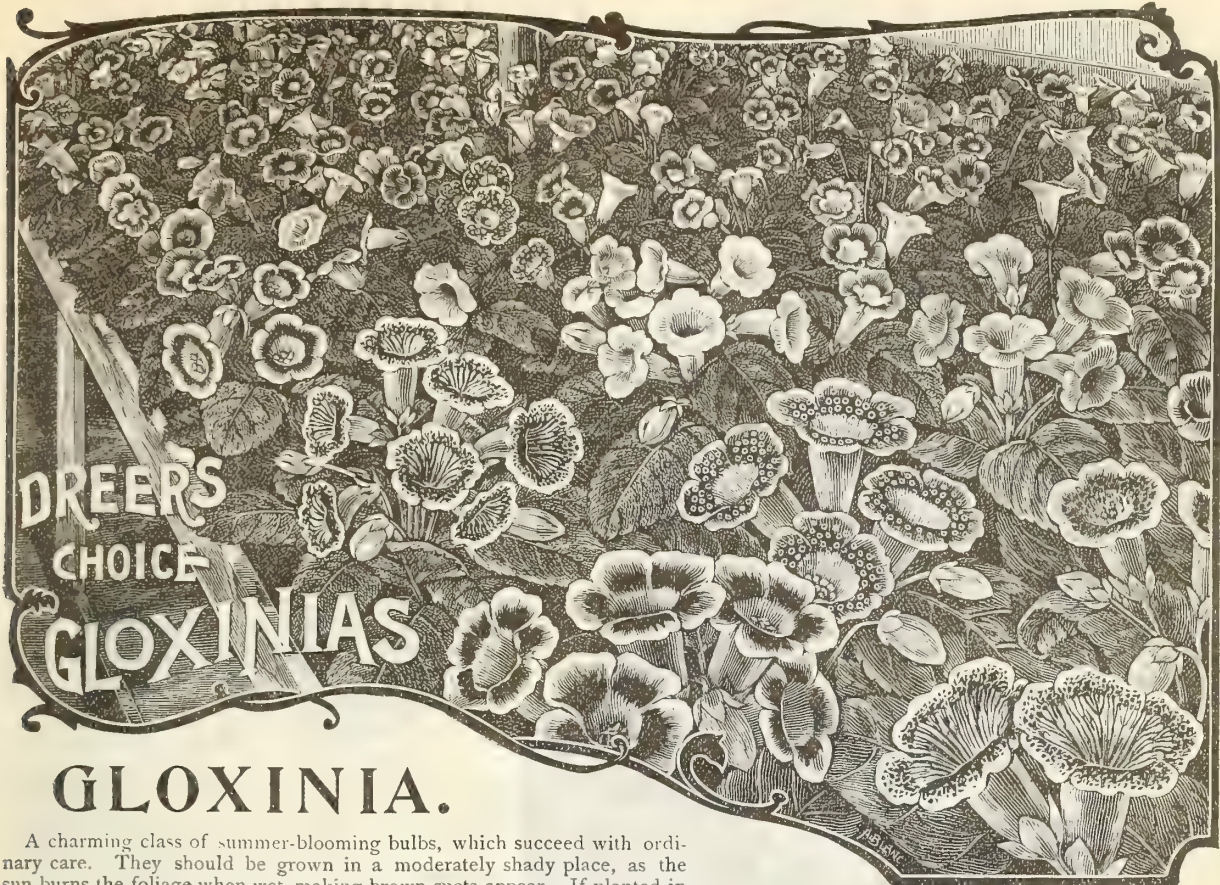
— **Sambac.** Creamy white fragrant flowers. 30 cts. each.

The set of 4 varieties, one of each, for \$1.00. Extra strong 2-year-old plants 50 cts. each; 3 for \$1.00.



JASMINUM GRANDIFLORUM.





## GLOXINIA.

A charming class of summer-blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. If planted in frames, they will thrive admirably and produce their lovely flowers from June to September. After planting the bulbs in a mixture of fibrous peat, light loam, manure and sand in equal parts, they require but little heat or water until they show signs of growth, when the quantity of moisture and heat may be increased. Air should be plentifully supplied to prevent damping off. When the plants have done blooming dry gradually off, and keep in pots over winter in a moderately warm place, or under the staging of a green-house.

Our collection of Gloxinias embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled. 20 cts. each; \$2.00 per dozen; \$12.00 per 100.

### GLOXINIA, WHITE LADY.

A new strong growing variety, with large pure white flowers; a decided acquisition. 50 cts. each.

### GARDENIA FLORIDA.

(Cape Jessamine.)

A popular well-known plant with delightfully fragrant pure white flowers, blooming from May to July. 25 to 50 cts. each.

### GENISTA FRAGRANS.

A most desirable spring flowering plant, producing its fragrant bright golden yellow flowers in the greatest profusion. As a winter plant of the easiest culture it is unsurpassed.

First size, 50 cts. each; 3 for \$1.00.

Second " 30 " " 4 " 1.00.

### HIBISCUS, "Crimson Eye."

This elegant Hibiscus, after many years of careful selection, has become entirely distinct. It is a robust grower, with dark red stems and foliage. The flowers are immense in size, often measuring *twenty inches in circumference*. The color is of the purest white, with a large spot of deep velvety crimson in the centre of each flower. It is a striking combination of color and one that must be seen to be fully appreciated. A well-developed plant will produce several hundred of these flowers in a season. It will succeed anywhere and is perfectly hardy, blooming the first year in the open ground. It is of the easiest culture, thriving in all places and during seasons when most other plants would perish. It makes a compact bush four to six feet high in one year.

20 cts. each; \$2.50 per dozen.



HIBISCUS, "CRIMSON EYE."



# GLADIOLUS.

The most attractive of all summer flowering bulbs are the Gladioli. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our list comprises only the best selections, both in our mixtures and named sorts. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant six inches apart in beds or double rows, and three inches deep. They are very effective when planted among roses, shrubbery, etc.

**Snow White.** The best White Gladiolus. The flowers are of fine shape, large in size, and of a pure paper white color. The spikes are large and set thickly with flowers. 20 cts. each; \$2.00 per doz; \$15.00 per 100.

EACH. PER DOZ. PER 100.

<b>Scarlet and Crimson Varieties, Mixed</b> . . . 5 cts.	\$0 30	\$2.00
<b>White and Light Varieties, Mixed</b> . . . 5 "	.50	3.00
<b>Yellow Varieties, Mixed</b> . . . 5 "	.50	3.25
<b>Pink and Variegated Varieties, Mixed</b> . . . 5 "	.40	2.50
<b>All Colors, Mixed</b> . . . 5 "	.30	2.00
<b>Extra Choice, Mixed</b> . . . 5 "	.40	2.50
<b>Lemoine's Butterfly Gladiolus, Mixed</b> . . . 5 "	.50	3.50

**Brenchleyensis.** Brilliant scarlet. This fine old variety is unsurpassed for planting in masses or groups in the background of borders, or amongst shrubbery. 5 cts. each, 30 cts. per doz., \$1.50 per 100.

**Ceres.** An excellent contrast to Brenchleyensis, ground color pure white, spotted with purplish rose. 5 cts. each, 30 cts. per doz., \$2.00 per 100.

**Martha Washington.** Light yellow, tinged rose, large flowers and spike. 10 cts.; \$1.00 per doz.

**Isaac Buchanan.** Pure yellow; best for massing. 10 cts. each, \$1.00 per doz., \$6.00 per 100.

**Shakespeare.** White, slightly suffused with carmine rose, large rosy blotch. 10 cts. each, \$1.00 per dozen, \$7.50 per 100.

## LEMOINE'S NEW HYBRID SPOTTED GLADIOLI.

Many of our customers doubtless took notes of the magnificent varieties of new Hybrid Gladiolus exhibited by M. Lemoine, the famous French hybridizer, in the World's Fair grounds last summer.

We have procured direct from M. Lemoine some of the finest and most distinct of these remarkable varieties, which we offer herewith.

**Abbe Froment.** Rich crimson, with sulphur blotches in lower petals, very large flower. \$1.25 each.

**Admiral Gervaise.** Buff salmon with purple blotches, very fine. 50 cts.

**Beaurepaire.** Rich, deep pink, spotted violet, large flowers. 50 cts.

**Ferdinand Bergman.** Salmon, with maroon spots, long spike, early. 50 cts.

**Gil Blas.** Copper red, spotted scarlet and yellow, very early. 50 cts.

**Hugo de Vries.** Pale lilac, large violet blotches with a sulphur edge, unique. \$1.50.

**J. H. Krelage.** Crimson, spotted brown with white lines and dots, early. 75 cts.

**Madame Alphonse Daudet.** White, with flame colored spots, fine flower. \$1.00.

**Madame Lemoinier.** Pale yellow, lower petals spotted blood red, fine, early. 35 cts.

**Nuee Bleue.** Medium sized flowers, violet blue with darker spots. 75 cts.

**Pactole.** Beautiful yellow, tinged with rose and blotch of a darker shade. 50 cts.

**Vesuve.** Deep fiery red, the throat and lower petals deepening to black. 35 cts.

## GLADIOLUS HYBRIDUS NANCEANUS.

(New Giant Gladiolus.)

A magnificent new race of extraordinary size and remarkable beauty produced by crossing Saundersoni and Lemoinei. These new varieties are twice the size of the Gladiolus Gandavensis varieties, while possessing their long lasting properties and the beautiful markings of the Lemoinei section.

**Charles Baltet.** Bluish violet, spotted maroon, with a white throat, large flower. 50 cts. each.

**Comte Horace de Choiseul.** Enormous flowers, of a brilliant shade of light scarlet tinged with orange, distinct purple blotch surrounded with a yellow band. 50 cts. each.

**Dr. H. P. Walcott.** Very large flowers, of perfect shape and very open, bright madder, lower petals speckled with maroon at the throat, with a large light yellow blotch in the centre. 50 cts.

**Harry Veitch.** Magnificent flowers of deep velvety red, lower petals blotched with light yellow and spotted maroon. \$1.00.

**Maurice de Vilmorin.** A remarkable color; the general tint is slate blue flushed with violet, slightly striped with violet on the edges. 50 cts. each.

**Monsieur Lefebvre.** Very large, carmine red flowers, throat sulphur yellow spotted red, early. 50 cts.

**President Carnot.** Flowers of enormous size, rich cherry red striped carmine, the lower petals marked with a fiery red blotch surrounded with deeper red spots on a straw colored ground. 75 cts.

**Professor Lambin.** Lilac mauve, large yellow blotches surrounded with yellow, a remarkably large flower. \$1.00.

**Robert Lindsay.** Enormous flowers of a bright orange shade, large crimson blotches on a yellow ground. \$1.00.

If desired by mail, add at the rate of 10 cents per dozen for postage.



# HYDRANGEAS.

## HYDRANGEA OTAKSA.

A Japanese variety, producing immense heads of pink flowers. This is the variety so extensively used for Easter decoration.

First size 50 cts. each; 3 for \$1.00.  
Second size 30 cts. each; 4 for \$1.00.



HYDRANGEA, RED BRANCHED.

## HYDRANGEA, RED BRANCHED.

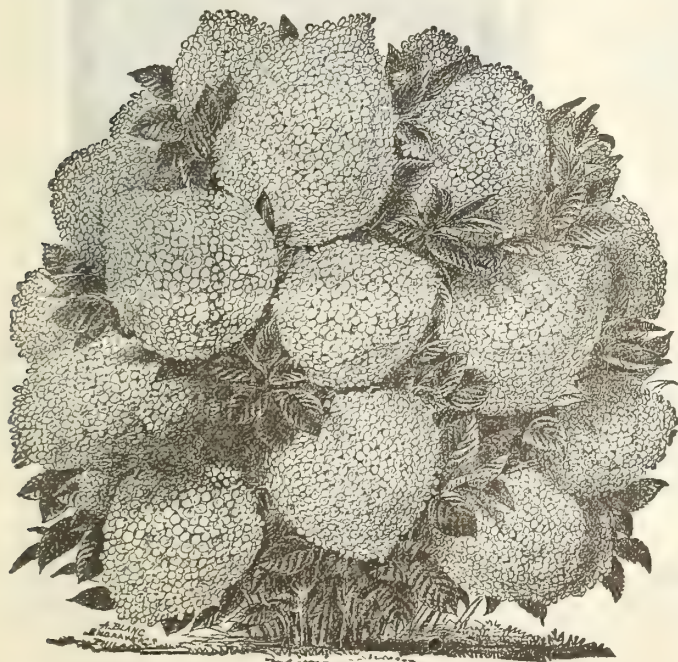
This is one of the finest varieties in cultivation, with dark red branches that brighten as they near the flower trusses. The plant is of robust habit, and produces freely immense heads of deep rose colored flowers.

First size 50 cts. each; 3 for \$1.00.  
Second size 30 cts. each; 4 for \$1.00.

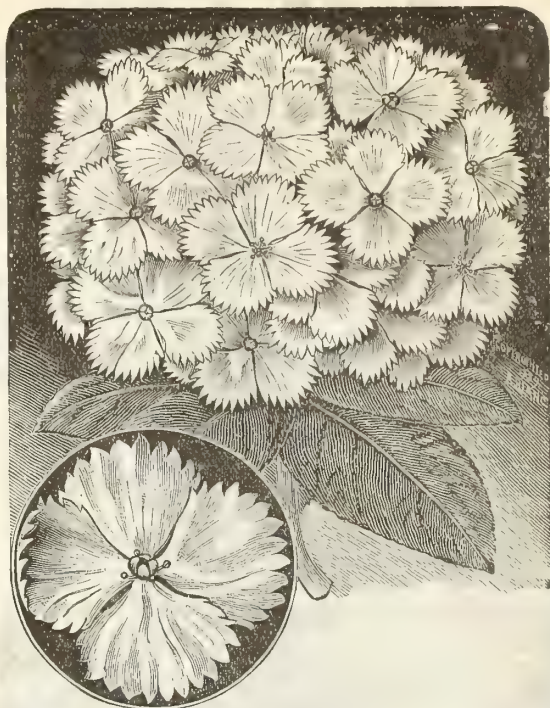
## HYDRANGEA ROSEA.

Similar in habit and growth to the popular Thomas Hogg, except in color, which is a bright rosy red.

First size 50 cts. each; 3 for \$1.00.  
Second size 30 cts. each; 4 for \$1.00.



HYDRANGEA PANICULATA GRANDIFLORA.



HYDRANGEA STELLATA FIMBRIATA.

## HYDRANGEA STELLATA FIMBRIATA.

The flowers are produced in large trusses, and are of the purest white; each floret is neatly fringed and has a distinct crimson spot in the centre.

First size 50 cts. each; 3 for \$1.00.  
Second size 30 cts. each; 4 for \$1.00.

## HYDRANGEA THOMAS HOGG.

Large pure white flowers which, on well grown plants, measure more than 12 inches in diameter. Is quite as hardy as the other garden sorts.

First size 50 cts. each; 3 for \$1.00.  
Second size 30 cts. each; 4 for \$1.00.

## HYDRANGEA, EMPRESS EUGENIE.

A most desirable old variety, which is perfectly hardy, forming large shrubby plants producing large heads of light pink flowers, which on fully developing change to a purplish hue.

First size 50 cts. each; 3 for \$1.00.  
Second size 30 cts. each; 4 for \$1.00.

## HYDRANGEA HORTENSIS VARIEGATA.

An exceedingly ornamental plant; the leaves are deep green, margined with pure white; fine for shady positions.

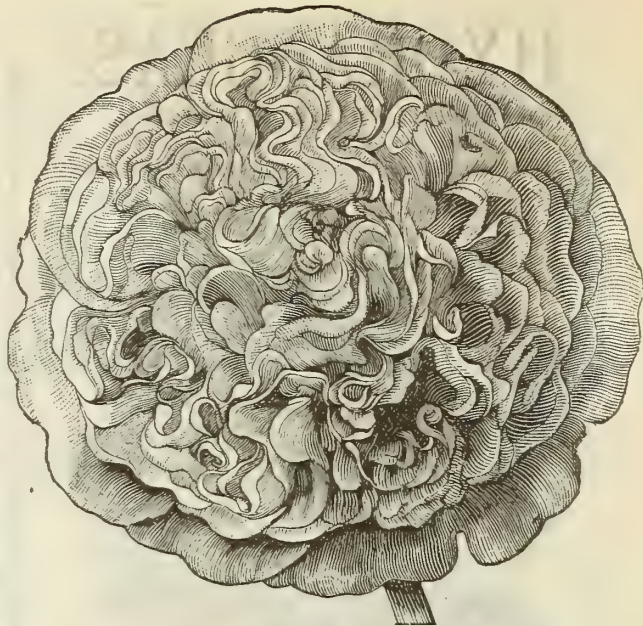
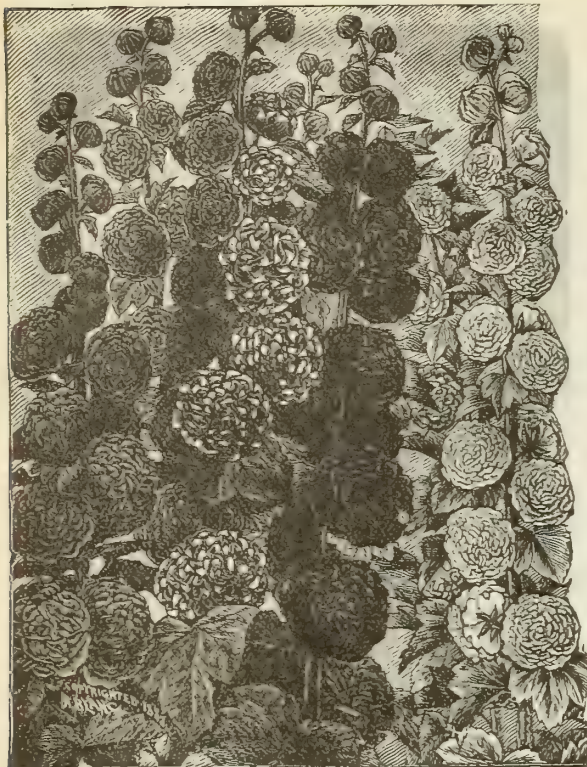
First size 50 cts. each; 3 for \$1.00.  
Second size 30 cts. each; 4 for \$1.00.

## HYDRANGEA PANICULATA GRANDIFLORA.

This is the finest hardy shrub in cultivation, and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks.

25 cts., 50 cts. and \$1.00 each, according to size.





## DREER'S SUPERB HOLLYHOCKS.

Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial.

We offer very strong 1-year-old plants which will flower this season in White, Pink, Yellow, Crimson and Scarlet, at 25 cents each; \$2.50 per dozen.

### IMPATIENS.

**Impatiens Sultani.** Of compact, neat habit, and a perpetual bloomer; the flowers are of a peculiar brilliant rosy scarlet color,  $1\frac{1}{2}$  inches in diameter, and produced very freely. 15 cts. each; \$1.50 per dozen.

### LANTANAS.

One of the best summer-flowering plants for our climate; equally fine in dry or wet weather, sun or shade. There are few bedding plants that bloom more continuously or afford a greater variety of color. When grown with a single stem and trained as standards, with fine bushy tops and straight stem, they present an effect that is surpassed by few plants.

**Comtesse Morny.** Blush and rose.

**Craig.** Rich orange carmine.

**Favorita.** Yellow merging into crimson.

**Francine.** Very dwarf; flowers large, of a rosy lilac.

**Javoi.** Purest white; very large flowers.

**Perfection.** Green foliage, variegated with yellow lilac flowers; very showy and constant.

15 cts. each; \$1.00 per doz.; set of 5 for 60 cts.

### LYCOPODIUM, or SELAGINELLA.

The following list comprises the most popular varieties of this useful class of plants; all will be found especially suited to use in connection with Ferns and other decorative plants.

**Denticulatum.** **Denticulatum Variegatum.**  
**Martensi.** **Krauseanum.** **Plumosum.**

**Wildenowi.**

15 cts. each; \$1.50 per dozen.

### SELAGINELLA EMILIANA.

A most beautiful and distinct new species of bold but very graceful habit, growing about 10 inches high. 30 cts. each; 4 for \$1.00.



### LINUM TRIGYNUM.

An old plant which should receive more attention. As an early winter flowering plant it is simply indispensable; its brilliant orange flowers are produced so profusely as to completely cover the plant, making it look like a golden ball. It is of easy cultivation and a most desirable house plant.

15 to 25 cts. each; \$1.50 to \$2.50 per dozen.

### MILLA BIFLORA.

(Mexican "Star of Bethlehem.")

One of the loveliest and most desirable bulbs. The flowers are nearly  $2\frac{1}{2}$  inches in diameter, of a pure waxy white color, and usually borne in pairs; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water. Bulbs 10 cts. each; 75 cts. per dozen.

Plants came to hand O. K. and were eminently satisfactory. The packing was especially good, secure and free from shifting; in fact, goods were in just such shape as when the lid was put on the box in Philadelphia.

GEO. W. STAPLE, Meridian, Miss., April 8, 1893.



**MAGNOLIA FUSCATA.**

(Banana Shrub.)

A most desirable greenhouse shrub succeeding admirably as a window plant. It produces its small flowers in the greatest profusion during late winter or early spring months. These are of the most exquisite fragrance, similar to a ripe banana. 50 cts. each.

**Musa Ensete.**

The leaves are magnificent, long, broad and massive; of a beautiful green, with a broad crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace, or flower garden. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub, and watered sparingly. Strong plants at 50 cts. and \$1.00 each.

**NEPENTHES.**

(Pitcher Plants.)

We grow six choice varieties of these interesting plants. They succeed best planted in baskets suspended from the roof of the greenhouse or conservatory. They should always be thoroughly shaded and furnished with an abundant supply of water. \$2.50 to \$3.00 each.

**NEPETA GLECHOMA  
VARIEGATA.**

Variegated form of our native ground-ivy or groundsel and one of the most useful basket and vase plants in cultivation; foliage is bright green with a broad border of white; succeeds in any position. 15 cts. each; \$1.50 per dozen.



MARANTA MASSANGEANA.

**MARANTA.**

Valuable decorative stove plants, remarkable for the richness and beauty of their varied foliage.

**Makoyana.** \$1.00 to \$1.50. **Massangeana.** 50 cts. **Zebrina.** 50 cts. to \$1.00.



MONTBRETIA CROCOSMIFLORA.

**MONTBRETIAS.**

The Montbretias are splendid late-flowering summer perennials and are perfectly hardy. Besides the magnificent color when in flower, the bright green foliage all through the early summer is most effective, especially amongst dark green shrubs. A correspondent writes; "Just now the Montbretia is a perfect blaze of color, and tall spikes of Hyacinthus Candicans amongst it have a most telling effect."

**Montbretia Crocosmiflora.** Each bulb produces several flower-spikes bearing numerous flowers of a brilliant orange-red, shaded with yellow; 2½ feet. Bulbs 5 cts. each; 60 cts. per dozen.

— **Pottsii.** Graceful branched spikes of small crimson scarlet flowers; 2 ft. Bulbs 5 cts. each; 60 cts. per dozen.

— **Rosea.** New; flowers produced in dense spikes of a very unique pink color. Bulbs 10 cts. each; \$1.00 per dozen.

**OTAHETE ORANGE.**

The best of the Oranges for house culture. It is of dwarf bushy habit and bears a profusion of fragrant flowers and edible fruit. We offer two sizes.

First size \$1.00 each. This size will flower and fruit the coming season.

Second size 35 cts. each; 4 for \$1.





### MANETTIA CORDIFOLIA.

One of the most showy and attractive summer vines and entirely distinct from the well-known Manettia vine. It is of rapid growth, with deep green foliage and a wonderful profusion of crimson scarlet tubular flowers one and a half inches long. These are borne on longer stems than the ordinary Manettia, and when grown on a trellis, as shown in the illustration, all the flowers grow outward so that the whole surface is a mass of flowering crimson scarlet of a most pleasing shade, and of sharp contrast to the foliage. Owing to the length of the stems and graceful form of the flowers, the slightest breeze gives them a graceful wavy motion, which adds wonderfully to their attractiveness. As a summer climber, in a position where a graceful vine is required, it has no equal, beginning to flower early in July and continuing one mass of bloom until cut down by severe frosts. The plants in our grounds at this writing, November 1st, are still one mass of bloom and have not been affected by the frosts that cut down all other soft wooded plants.

Price 15 cts. each; 8 for \$1.00.

### MANETTIA BICOLOR (Manettia Vine).

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow; the contrast with the vivid green, glossy foliage is startling, making the plant an object of rare beauty. It will grow and bloom in any ordinary soil, and given strings or wires to cling to it will attain a height of from 5 to 10 feet in one season.

As a pot plant it is unrivalled when trained to a wooden stake or pot trellis. 15 cts. each; 8 for \$1.00.

## Olea Fragrans.

(Sweet Olive.)

An old favorite greenhouse shrub succeeding admirably as a house plant, producing small white flowers which are of the most exquisite fragrance, continuing to bloom almost the entire winter.

50 cents each. \$5.00 per dozen.

## Pancratiums.

**Pancratium Caribæum (Spider Lily).** Numerous clusters of delicate pure white sweet-scented flowers, lasting long in bloom. 25 cts. each; \$2.50 per dozen.

## Pansies.

As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with flowers of the largest size and finest form the most exquisite gradations of color. Good strong plants, 10 cents each; 75 cents per dozen; \$5.00 per 100.

### PARDANTHUS SINENSIS.

(Blackberry Lily.)

Lily-like flowers of a bright orange color, spotted with red, which are succeeded by seeds that resemble blackberries. 10 cts. each; 12 for \$1.00.

### PEPEROMIA MACULOSA.

A pretty dwarf growing ornamental foliage plant; exceedingly useful as a pot plant for the window or for planting in baskets or vases; it has thick fleshy foliage of a bright green color, veined with silvery white. 25 cts. each; 5 for \$1.00.

### PASSIFLORA PFORDTI.

This we consider the best of all the tender varieties for outdoor planting. Its beautiful flowers are borne freely, even on quite small plants. They are of a rich shade of blue, suffused with rose. 15 cts. each; \$1.50 per dozen.

### PASSIFLORA, JOHN SPALDING.

A pretty variegated variety having large foliage which is mottled with bright golden yellow spots and light colored, almost white flowers. 15 cents each.

### PITTIOSPORUM TOBIRA VARIEGATA.

An evergreen shrub excellent as a house plant, standing the dry atmosphere of a room without injury, with dark green foliage, which is prettily variegated with white; flowers white, fragrant. 50 cents each.



PEPEROMIA MACULOSA.



# PALMS.

Palms are now indispensable in all decorations, whether for apartments, conservatories or for tropical bedding in summer. The large demand the past few years has induced us to considerably increase our facilities for propagating and growing this class of stock, and we have now twenty of our largest houses devoted to their cultivation alone, which enables us to supply all the leading and popular varieties at most reasonable prices.

**Areca Lutescens.** One of the most valuable and beautiful Palms in cultivation; bright glossy green foliage and rich golden yellow stems. 50 cts. to \$25.00.

— **Sapida.** A strong upright growing variety with dark green feathered foliage. \$1.00 to \$3.00.

— **Verschaffelti.** One of the most elegant varieties, with dark shining green foliage and light colored band through the centre of each leaf. \$1.00 to \$5.00.

**Caryota Urens** (*Fish Tail Palm*). An easily grown and useful sort. 50 cts.

**Ceroxylon Niveum.** Beautiful, broad foliage, silvery white on under side; of imposing habit. \$10.00.

**Chamærops Excelsa.** A handsome Fan Palm, of rapid, easy culture. 50 cts. to \$1.50 each.

**Cocos Weddelliana.** The most elegant and graceful of all the smaller Palms. Its slender erect stem is freely furnished with its gracefully arching leaves, made up of innumerable long narrow pinnæ or segments of a rich green color. The Cocos are admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time. 50 cts. and \$1.00.

**Corypha Australis.** An Australian Palm, of rapid growth and easy cultivation. 50 cts. to \$1.50.

**Kentia Belmoreana.** A beautiful strong-growing Palm, deep green crisp foliage. 50 cts. to \$10.00.

— **Canterburyana.** A strong growing variety with broader pinnæ than the foregoing sorts; of graceful habit. \$1.00 to \$2.50.

— **Fosteriana.** One of the finest of the Kentias, with graceful bright green foliage. 50 cts. to \$10.00.

**Latania Borbonica** (*Chinese Fan Palm*). The most desirable for general cultivation, especially adapted for centres of baskets, vases, jardinières, etc. 50 cts., \$1.00, \$2.00, \$3.00, \$5.00 and \$10.00.

**Livistonia Rotundifolia.** A most beautiful dwarf form of *Latania Borbonica*; one of the prettiest small Palms in cultivation. \$1.00 to \$3.00 each.



LATANIA BORBONICA.

**Phoenix Sylvestris.** An attractive sort, deep green foliage. 50 c. to \$2.

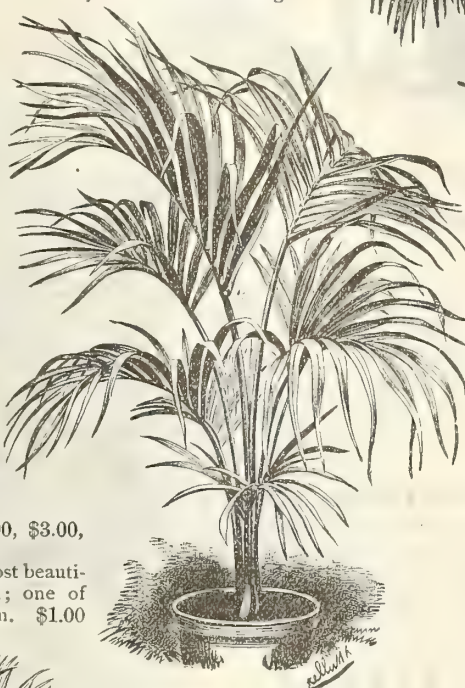
— **Rupicola.** This is one of the most graceful among the smaller Palms, with wide spreading pinnate leaves, broadly lance shaped in outline, with long narrow pinnæ, the lower of which become gradually reduced to spines. 50 cts. to \$2.50.

**Ptychosperma Alexandræ.** A graceful and elegant variety. 50 cts. to \$3.00.


**Seaforthia Elegans.** One of the very best for ordinary purposes, of graceful habit, and rapid, easy growth. 50 cts. to \$1.00.

**Pinanga Kuhlei.** A strong growing variety; the foliage when first developed has a rich crimson tint which changes to a dark lustrous green. 50 cts. to \$1.50.

**Phoenix Reclinata.** Beautiful reclinate foliage. A graceful and exceedingly ornamental Palm. 50 cts., \$1.00 and \$2.50.



KENTIA BELMOREANA.

 We can frequently supply large specimens of many varieties of Palms, and shall be pleased to furnish descriptions and prices to any one requiring this class of stock.



PHOENIX RECLINATA.



CHAMÆROPS EXCELSA.



COCOS WEDDELLIANA.





PANDANUS VEITCHI.

## Pandanus.

(Screw Pine.)

**Pandanus Utilis.** Called Screw Pine from the arrangement of the leaves on the stem. This is one of the most useful of our ornamental foliage plants; excellent for the centre of vases and baskets, or grown as a single specimen; for in or out door decoration. Fine young plants 50 cts.

— **Veitchi.** This is one of the most attractive plants. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and gracefully curved. \$1.00 to \$10.00.

## RHYNOSPERMUM

### JASMINOIDES.

A beautiful greenhouse plant, with glossy evergreen foliage, producing masses of pure white, Jasmine-like flowers, delightfully fragrant; in bloom about May and June. It is of a climbing habit, and presents a beautiful appearance when properly trained. The flowers are very desirable for bouquets, etc. 50 cts. each.

## SALVIA.

**Gypsy.** Maroon.

**Prince Ali.** Deep crimson.

**Soucheti alba.** Pure white.

**Splendens.** Scarlet sage.

**Marmorata.** Flowers and calyx pure white, beautifully mottled and spotted with scarlet; dwarf habit, free blooming. 10 cts. each; \$1.00 per dozen; \$8.00 per 100.



SANSEVIERIA ZEALANICA.

## SANSEVIERA

### ZEALANICA.

An elegant variegated plant, especially adapted for house decoration, the thick leathery leaves standing the heat and dust of the house with impunity. 30 cts. each; 4 for \$1.00.

## SCHUBERTIA

### GRANDIFLORA.

An exceedingly pretty climber, which succeeds admirably in the open ground during the summer months, producing the entire summer, until cut down by severe frost, clusters of large funnel-shaped, fleshy-white flowers of delightful fragrance, not unlike *Stephanotis Floribunda* in appearance. 75 cts. each.

## Smilax.

(*Myrsiphyllum Asparagoides.*)

A climbing plant, unsurpassed in the graceful beauty of its foliage; its peculiar wavy formation renders it one of the most valuable plants for bouquets, wreaths, festoons and decorations. Can be easily grown in the house. 10 cts. each; \$1.00 per dozen; \$6.00 per 100.

## STEPHANOTIS

### FLORIBUNDA.

One of the most charming hot-house climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white deliciously fragrant flowers. 50 cents each.



PHRYNIUM VARIEGATUM.

## PHRYNIUM VARIEGATUM.

A beautiful variegated plant with white and green variegated foliage, about 6 to 8 inches long, borne on long, fleshy stems. As a plant for table or window decoration it is unsurpassed. 25 to 50 cents each.

The box of plants arrived here yesterday in perfect good order and condition, owing I suppose to its packing, the best we have ever seen.  
Vionnet & Co., Havana, Cuba, Feb. 9, 1894.



## DREER'S Double Fringed Petunias.

For many years we have made a specialty of Double Petunias, growing from three to five thousand seedlings annually, from which we select the best for propagation. We have discarded the plain edged sorts, as the fringed and laced varieties listed below are very much better.

**Ada.** Purplish crimson edged with pure white; very large.

**Ariel.** Soft rosy crimson mottled with white.

**Clio.** Pure white with crimson mottled centre.

**Comet.** Brilliant rosy crimson.

**Crepuscle.** Mottled crimson and white.

**Diana.** Beautifully mottled, purplish crimson and white.

**Elfrida.** A fine self-colored rosy purple variety.

**Elvira.** Pure white with a finely mottled carmine centre; a fine flower.

**Emblem.** A beautiful rich clear rose.

**Enchantment.** A fine self-colored variety of a soft rosy carmine.

**Eureka.** Intensely rich purple rarely splashed with white; a most beautifully formed flower of large size.

**Excelsior.** Pure white mottled crimson and purple.

**Fortuna.** Blush white with purple crimson splashed centre.

**Gem.** Variegated carmine rose and white; large flower.

**Iolanthe.** Pure white, splashed rosy carmine.

**Juno.** Bright rosy carmine mottled with white.

**Mrs. G. Dawson Coleman.** Finest pure double white.

**Nobilis.** Mottled crimson, rose and white; a fine flower.

**Onyx.** Purplish crimson edged with white.

**Picco.** Rosy crimson edged with white.

**Rosea Superba.** A bright but soft pink; very pretty.

**Souvenir.** Purplish carmine edged with white.

**Stella.** Ground color white, heavily marked with rosy crimson.

**Talisman.** Fine heavy flower, very full and double, pure white mottled with crimson in the centre.

**Trophy.** Pure white with crimson, splashed centre. 15 cts. each; \$1.50 per doz.; set of 25 varieties, \$2.50.

## MEXICAN PRIMROSE.

A trailing plant admirably adapted for planting in vases and hanging-baskets. The flowers are of a soft rosy pink veined with red, shading lighter towards the edges. 10 cts. each; \$1.00 per dozen.



MEXICAN PRIMROSE.



DREER'S DOUBLE FRINGED PETUNIAS.

## TWO GRAND PELARGONIUMS.

The two varieties of Pelargoniums, or Lady Washington Geraniums, listed below are the finest that have ever come to our notice. The plants are of strong vigorous growth, and very free flowering, while the size and shape of the flowers are all that could be desired.

**Madame Thibaut.** White, richly blotched and marked with rose, the upper petals marked with crimson maroon with large white centre; the trusses and individual flowers are of immense size, while the petals are heavily ruffled, giving it a well doubled appearance.

**Mrs. Robert Sandiford.** A sport of the above variety with which it is identical in every way, except in color, which is of a pure glistening snow white; a grand acquisition.

30 cts. each; the pair for 50 cts.

## PLUMBAGO.

**Plumbago Capensis.** Light blue, very free flowering. 15 cts.

— **Capensis Flore Alba.** The exact counterpart of Plumbago Capensis except in color, which in this beautiful novelty is a creamy white. This is one of the best of recent introduction, and as a bedding plant will be found invaluable, as it is constantly in bloom throughout the season. 15 cts. each.

— **Coccinea Superba.** Similar in style to Plumbago Rosea, but producing long racemes of flowers 12 to 15 inches in length, and of a bright satiny carmine color. They remain in bloom a long time and are very showy and brilliant. 30 cts. each.

Set of 3 for 50 cts.





### **SOLANUM SEA-FORTHIANUM Azureum.** (The Blue Solanum.)

Certainly one of the finest plants lately introduced. Every one is well acquainted with *Solanum Jasminoides*, and its merits are greatly appreciated. In "The Blue Solanum" we have a far superior plant in every respect. It is of robust growth, soon making fine specimens that will climb over and cover a porch with the most handsomely cut foliage. In mild localities it is covered during the late summer months with hundreds of clusters of large, lavender-blue, Wistaria-like flowers, brightly set off with golden stamens, each cluster measuring 15 inches in circumference, and often attaining a length of 12 inches. The flowers are succeeded by bright scarlet berries, remaining perfect for a long time. 20 cts. each, 6 for \$1.00.

### **STROBILANTHES DYERIANUS.**

A new house and bedding plant sent out for the first time this season, with finely colored leaves, 5 to 6 inches long, and 2 to 3 inches wide; these are of the most intense metallic purple color, shading into light rose with a light green margin, a combination unapproached by any other plant. The flowers are of a violet blue and pretty. It is said to make an excellent bedding plant, having been planted out in the gardens of the White House the past summer, where it attracted considerable notice. 25 cts. each, 5 for \$1.00.

See illustration in supplement pages of this catalogue.

The box of Plants came to-day and are entirely satisfactory in every way. The Crotons are the best we have ever received.

MRS. N. E. WESTGATE & SON,  
Houston, Texas, March 3, 1894.

### **SOLANUM WENDLANDI (Magnificum).**

A rare and beautiful species of climbing habit, beginning to flower early in July and continuing in full bloom until cut down by severe frost. This was one of the most highly admired plants in our trial grounds the past summer, attracting attention at once on account of the large size of its flowers, which are over two inches in diameter, and are produced in large clusters, frequently over one hundred flowers being on one truss. Color, a mauve blue of a distinct and pleasing shade. 50 cts. each, 3 for \$1.00.

### **SOLANUM JASMINOIDES GRANDIFLORUM.**

A beautiful plant, which inclines to a trailing or climbing habit, but never attains a greater height than 3 to 5 feet, and can be pinched back to a bush form. Its flowers are star-shaped, like a Clematis, and borne in enormous panicles or clusters, often a foot across. In color they are pure white, with a violet tinge on back of petals and on the buds. In pots it is fine bloomer both summer and winter; but its grandeur for out-door culture when trained against a wall or trellis, and showing hundreds of these magnificent panicles of bloom, cannot be described. It is a free and constant bloomer, commencing when only a foot high, and its flowers keep perfect a long time before fading. 15 cts. each, 8 for \$1.00.

We will furnish one each of the three *Solanum* for 60 cts.

### **NEW LYCHNIS.**

### **Lychnis Plenissima Semperflorens.**

A grand addition to our list of hardy perennials, beginning to flower early in the spring and continuing throughout the entire summer. The flower is of a beautiful tender rose-color and is produced in long bushy spikes. 30 cts. each, 4 for \$1.00.

See illustration in supplement pages of this catalogue.



SOLANUM WENDLANDI (MAGNIFICUM).





### Swainsonia Galegifolia Alba.

A most desirable everblooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia. Its easy culture, growing in almost any light position, its freedom of bloom, and the grace and beauty of the flower and plant, will undoubtedly make it popular. 15 cts. each; 8 for \$1.00.



### TIGRIDIA (Shell Flower).

Beautiful summer flowering bulbs, producing large, gorgeous flowers exquisitely spotted, flowering from July to October.

**Conchiflora.** Orange, with crimson spots. 5 cts. each; 40 cts. per doz.; \$3.00 per 100.

**Grandiflora.** Red, with yellow spots. 5 cts. each; 40 cts. per doz.; \$3.00 per 100.

— **Alba.** Large ivory white flowers, spotted with maroon and rosy lake in centre. 5 cts. each; 50 cts. per dozen; \$3.00 per 100.



EXCELSIOR PEARL TUBEROSE.

## TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March, in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the first of May.

**Excelsior Pearl.** Extra large bulbs. 5 cts. each; 35 cts. per doz.; \$2.00 per 100.

**Tall Double.** 5 cts. each; 35 cts. per doz.; \$2.00 per 100.

**Variegated Leaved.** Leaves striped with light yellow, flowers single. 10 cts. each; 75 cts. per doz.

**New Early Branching Tuberose "Albino."** Beautiful single-flowering variety; splendid for forcing and cutting. 10 cts. each; \$1.00 per doz.

### TABERNÆMONTANA CAMASSA.

Greenhouse shrub, neat and compact, resembling the Gardenia in growth and fragrance; pure white double flowers, fine for cut-flower work. 50 cents.

## VERBENAS.

We offer twelve of the most distinct varieties of these useful bedding plants. All are of the mammoth or large flowered type, which we have been selecting and improving for several years past; the colors range through all the different shades of scarlet, purple, crimson, pink, blue, white, etc.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

### VINCA MAJOR VARIEGATA.

One of the very best vase plants. Leaves glossy green, broadly margined creamy white. Blue flowers.

15 cts. each; \$1.50 per doz.

### VIOLETS.

**Marie Louise.** Deep violet blue; very fragrant.

**Queen Victoria.** Large single, blue, very fragrant.

**Swanley White.** Large double, pure white.

**Schoenbrun.** Single, deep blue, very fragrant.

15 cts. each; \$1.50 per dozen.

### ZEPHYRANTHES TRETEA ALBA.

(White Fairy Lily.)

One of the most desirable of our small summer-flowering bulbs. The plant attains a height of not over 10 inches, and throws up continuously the entire summer stems of pure white, fragrant lily-like flowers. 5 cts. each; 12 for 50 cts.



# ...ROSES...

## New Climbing Rose, Crimson Rambler.

This is undoubtedly the greatest acquisition in a climbing rose introduced for many years.

It is of vigorous growth, making shoots from 8 to 10 feet in height during a season, and is consequently a most desirable climbing variety; when pegged down or grown as a bush, marvellous heads of bloom are the result. It is exceedingly hardy. As a pot-plant it is unequalled for decorative purposes. The flowers with which the plant is covered in the spring are produced in large trusses of pyramidal form and of the brightest crimson color. The blooms remain on the plant for a great length of time without losing their brightness. The foliage is also retained to a great extent during the winter, making the plant almost an evergreen. It is said to be extremely hardy, having withstood the test in exposed situations of two very severe winters in England.

We give herewith a few notes which have appeared in the English Horticultural Journals during the past season in reference to this new rose.

The medal for the *best new plant* in flower was unanimously awarded to the new rose, Crimson Rambler, and the plants were purchased for the Royal Gardens. The same plants had been exhibited at the Crystal Palace and other shows.—*Journal of Horticulture*.

At this date (July 6th), this is a *grand rose*. I have a dozen plants on prepared land; did not prune much, merely shortened back, staked to support long growths, gave liberal mulch, and the clusters of bright crimson flowers at this date are beautiful. *On one shoot alone I counted over 300 blooms*.—G. Wythes, in *The Garden*, July 14, 1894.

Even rival horticulturists are enthusiastic about it. It is said that the stock is worth \$25,000 to its fortunate finder.—*Pall Mall Gazette*.

It is in our opinion the most beautiful hardy rose introduced for many years.—*Gardeners' Chronicle*.

But above all, Mr. Turner shows what one enthusiastic gardener describes as "the jewel of the day."—*Daily Telegraph*.

Mr. Turner, of Slough, promises to distribute this *grand new rose* next summer. He has an enormous stock of it, though not more than to meet the demand for it. *It grows very rapidly*, as freely as the weediest forms of *R. Polyantha*, and flowers just as freely.—*Garden and Forest*.

Crimson Rambler, at the National Horticultural Society of France, was awarded the gold medal as a new plant. As a proof of its persistency, it may be mentioned that when cut in proper condition the flowers will remain fresh in water for two weeks.—*Gardeners' Chronicle*.

We offer a fine stock of thrifty plants which will flower freely this season, at 30 cts. each; 4 plants for \$1.00.

The Roses you sent arrived in good order and were very satisfactory in every particular. We were very much pleased with their size and healthy appearance, and never saw any so well packed.

MRS. J. N. BETTERTON, Knoxville, Tenn., June 19, 1894.



CRIMSON RAMBLER ROSE.

FROM A PHOTOGRAPH  
OF A PLANT  
SIX FEET HIGH  
TRAINED TO A STAKE



## Five Choice Tea Roses of 1894.

### New Tea Rose, **BARONNE BERGE.**

An excellent bedding variety, the flowers of medium size, very double and formed like a Camellia, color light yellow, with the petals bordered with light rose, centre bright china rose. Good young plants, 15 cts. each.

### New Tea Rose, **COMTESSE DE BRETEUIL.**

Of dwarf but vigorous growth, flowers medium to large in size, with petals of good substance, color salmon rose, centre bright rose shaded with apricot, beautiful globular buds and very fragrant. Good young plants, 15 cts. each.

### New Tea Rose, **LEO XIII.**

An exquisite rose, and certain to become popular on accounts of its buds, which are as long and of the same shape at Niphotos; the color is white shading to pale yellow, with a light salmon centre. The plant is of vigorous growth. Good young plants, 15 cts. each.

### New Tea Rose, **MAMAN COCHET.**

Probably the finest new rose of the season; the growth is vigorous, with rich, healthy foliage and extra large flowers, which are borne on long, stout stems, very double and simply exquisite when in bud or half bloom; the color is a deep rose pink, the inner side of petals silvery rose. This variety was illustrated and described in the *Journal des Roses* three years ago and one thousand dollars was refused for the stock by the originator, Mons. Cochet. It will undoubtedly become very popular. Good young plants, 20 cts. each; 3 for 50 cts.

### New Tea Rose, **PRINCE KAMIL PACHA.**

The flowers are produced on long stems, are very large and globular, with petals of good substance, color apricot changing to salmon yellow. Will undoubtedly be popular on account of its beautiful buds. Good young plants, 15 cts. each.

We will furnish 1 of each of the above 5 varieties for 60 cts.



### New Hardy Climbing Rose,

#### **CLIMBING LA FRANCE.**

A most wonderful acquisition and one of the most desirable Roses introduced in recent years. It had its origin as a sport from La France and possesses all the good points of that most popular of all Roses. It retains the charming peach pink color and the exquisite fragrance which have made the La France the favorite it is; added to this its remarkably strong, vigorous growth makes it the most desirable climbing rose in cultivation, and it should find a place in every garden. Good young plants, 15 cts. each; 4 for 50 cts.

### New Hybrid Tea Rose,

#### **KAISERIN AUGUSTA VICTORIA.**

One of the most desirable Roses of recent introduction. The flowers, which are produced in the greatest profusion, are of large size, of a creamy white color, shading deeper towards the centre. It is a strong healthy grower, with fine foliage, and will undoubtedly become popular both as a bedding variety and for forcing under glass. Good young plants, 15 cts. each; extra strong plants, 50 cts. each.

### New Hybrid Tea,

#### **MME. CAROLINE TESTOUT.**

Another charming novelty in a strong growing Hybrid Tea. The bloom is large and double; color bright satiny pink, with rosy centre. Odorous, and quite free flowering. Petals very large and heavy, and beautifully rounded. A first-rate variety for forcing, of the La France type. Good young plants, 15 cts. each; strong plants, 50 cts. each.



MADAME CAROLINE TESTOUT.



# ROSES OF SPECIAL MERIT.



**New Hybrid Perpetual, MARGARET DICKSON.** Undoubtedly the finest white hybrid perpetual yet introduced. The flowers are of the purest white, of extra large size and fine form. It is a strong, vigorous grower with fine large foliage. Extra strong 2-year-old plants, 50 cts. each; good young plants, 25 cts.

**New Hybrid Perpetual, RODOCANACHI.** A new Rose of great promise and a variety that is certain to become very popular both as a garden rose and for fine cut flowers. The flowers, which are of beautiful form, are of large size and fragrant, of a soft transparent pink color, shaded with carmine. Extra strong 2-year-old plants, 50 cts. each; good young plants, 25 cts.

**New Hybrid Perpetual, MARCHIONESS OF DUFFERIN.** Another grand new variety that will make a popular garden Rose, with large finely formed flowers of a clear rosy pink color. Extra strong 2-year-old plants, 50 cts. each.

**CLIMBING NIPHETOS (Tea).** A sport from Niphetos retaining all the characteristics of the parent variety, except that it is of a strong climbing habit, frequently sending out shoots that attain a length of 20 feet; good young plants, 15 cts. each.

**CLIMBING PERLE DES JARDINS (Tea).** A sport from the well-known *Perle des Jardins*, retaining all the characteristics of that popular variety, except that it is of a strong climbing habit. For the South this will be an especially valuable variety, being hardy there, while for a pillar-Rose in the conservatory it is particularly desirable. 15 cts. each.

**AUGUSTINE GUINOISSEAU (The White "La France," Hybrid Tea).** A sport from that grand Rose "La France," with which it is identical in every way except in color, which is of a delicate blush in the centre, growing lighter and lighter to almost a pure white at the edges. A most exquisite variety. Extra strong plants, 50 cts. each; good young plants, 15 cts. each.

**BARONESS ROTHSCHILD (Hybrid Perpetual).** A most magnificent hardy Rose; flowers about 5 inches in diameter and of an exquisite shade of satiny pink. The heavy foliage comes close up to the flowers, forming an effective background of green. Selected plants, 50 cts. each; \$5.00 per doz.; first size plants, 40 cts. each; \$4.00 per dozen.

**DINSMORE.** A vigorous and free-blooming Rose, perfectly hardy and bearing large perfectly double flowers of a rich scarlet-crimson color. 50 cts. each. **DUCHESS OF ALBANY (Hybrid Tea).** Color a rich, deep, even pink throughout. The growth of the plant is vigorous, the habit good, and the flowers, which are thrown up well above the foliage, are produced very freely. An excellent Rose either for forcing for cut flowers or for the garden. First size, 50 cts. each; \$5.00 per doz.; second size, 40 cts. each; \$4.00 per dozen.

**GEN. JACQUEMINOT (Hybrid Perpetual).** Rich glowing crimson, of exquisite shape and delightful fragrance; the most popular of all the hardy roses. First size, 50 cts. each; \$5.00 per doz.; second size, 30 cts. each; \$3.00 per dozen.

**GLOIRE DE DIJON.** A well-known standard variety, yellow, shaded with salmon, very large and full; a superb variety. Extra strong plants, 40 cts. each; \$4.00 per dozen.

**GLOIRE DE MARGOTTIN (Hybrid Perpetual).** Dazzling red, large, full, finely formed globular flowers; growth very vigorous, one of the most distinct hardy garden roses in cultivation; fine strong plants. Selected plants, 50 cts. each; \$5.00 per dozen; first size plants, 40 cts. each. \$4.00 per dozen; second size plants, 30 cts. each, \$3.00 per dozen.

**HERMOSA.** Probably the most popular bedding Rose in cultivation. It is of a bright pink color, most prolific in blooming, and perfectly hardy. Selected plants, 50 cents each, \$5.00 per dozen; first size plants,

40 cts. each, \$4.00 per dozen; second size plants, 30 cts. each, \$3.00 per dozen.

**LA FRANCE (Hybrid Tea).** Probably the most popular pink rose of its class; a constant bloomer and the sweetest of all roses. Selected plants, 50 cts. each, \$5.00 per dozen; first size, 40 cts. each, \$4.00 per dozen; second size, 30 cts. each, \$3.00 per dozen.

**CAPTAIN CHRISTY (Hybrid Perpetual).** This fine Rose was introduced many years ago, but is still the best of its color, being a delicate flesh, deepening in shade toward the centre; one of the most beautiful Roses grown. It is distinct in foliage and very free flowering. Strong plants, 40 cts. each.



WHITE LA FRANCE.



## Roses of Special Merit—Continued.

**MARECHAL NIEL.** We offer a fine stock of this superb climbing rose, which, for fragrance, beauty and size, is still without a rival; bright golden yellow. Extra strong canes, 8 to 10 feet long, \$2.00 each. First size, strong budded plants, 75 cts. Second size, strong plants, 3 feet long, 50 cts. Third size, strong plants, 2 feet long, 30 cts.

**MME. GABRIEL LUIZET (Hybrid Perpetual).** One of the finest light colored roses in cultivation; it is of a soft silvery pink color of a most beautiful tint. Selected plants 50 cts. each; \$5.00 per doz. First size plants 40 cts. each; \$4.00 per doz.

**EARL OF DUFFERIN (Hybrid Perpetual).** A fine, dark crimson Rose of recent introduction, of fine form and free flowering, flowering freely in the fall also. Strong plants 40 cts. each.

**FISHER HOLMES (Hybrid Perpetual).** A fine, dark crimson Rose of the same shade as General Jacqueminot, but more double; a most desirable variety. Strong plants 40 cts. each.

### MRS. JOHN LAING.

One of the most perfect Hybrid Perpetual roses in cultivation, beautiful in color, free in flowering, a vigorous grower, of elegant shape and very fragrant; color of a soft delicate pink with a satin tinge. Selected plants 50 cts. each; \$5.00 per doz. First size plants 40 cts. each; \$4.00 per doz.

### MERVELLE DE LYON

(Hybrid Perpetual). A pure white hardy rose, flowers of immense size and very double; beautiful heavy foliage. Selected plants 50 cts. each; \$5.00 per doz. First size plants 40 cts. each; \$4.00 per doz.

### PERSIAN YELLOW.

This is undoubtedly the best hardy yellow rose in cultivation; color a rich dark golden yellow, plant perfectly hardy and a strong vigorous grower. Extra strong plants 50 cts. each; \$5.00 per doz. First size plants 40 cts. each; \$4.00 per doz.

### QUEEN OF QUEENS (Hybrid Perpetual).

A strong vigorous growing garden rose, with large full flowers of perfect form and true perpetual flowering; color bright pink with blush edges. Selected plants 50 cts. each; \$5.00 per doz. First size plants 40 cts. each; \$4.00 per doz.

### REINE MARIE HENRIETTE (Climbing).

One of the finest climbing roses in cultivation; it is perfectly hardy in the latitude south of Philadelphia; the flowers are of a rich cherry crimson with long pointed buds. Selected plants 50 cts. each; \$5.00 per doz. First size plants 40 cts. each; \$4.00 per doz.

### SOUVENIR DE LA MALMAISON.

This variety when used as a bedding rose in summer produces the most perfect flowers in the hottest weather. Rich flesh color. Selected plants 50 cts. each; \$4.00 per doz. First size plants 30 cts. each; \$3.00 per doz.

### ULRICH BRUNNER (Hybrid Perpetual).

A splendid rose, either for the garden or for forcing. It is of a rich glowing crimson color. Selected plants 50 cts. each; \$5.00 per doz. First size plants 40 cts. each; \$4.00 per doz.

### JEANNIE DICKSON (Hybrid Perpetual).

Rosy pink, edged with silvery pink, very large, full, high centred flowers, with thick smooth petals. Strong plants 40 cts. each.

MARECHAL NIEL.

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H. ADREER



## Twelve Select Everblooming Summer Roses.



EVERBLOOMING ROSE, CLOTHILDE SOUPERT (POLYANTHA).

**Marie Guillot.** White, slightly tinted with lemon; very large, finely shaped flowers; a valuable Rose.

**Meteor.** A rich, dark, velvety crimson, hybrid tea; a free bloomer and a vigorous grower.

Extra select plants, 50 cts. each; \$5.00 per dozen.

First size " 40 " " 4.00 " "

Fine young " 15 " " 1.50 " "

## TWELVE SELECT HARDY GARDEN ROSES.

The following selection of Hybrid Roses can be especially recommended for general out-door planting; the most popular varieties are included, and the selection has been made with a view of giving range of color, vigor of habit, freedom of bloom, size of flower and fragrance.

**Anna de Diesbach.** Clear bright carmine; very large, full and fragrant.

**Baroness Rothschild.** A magnificent rose: color rich satiny pink.

**General Jacqueminot.** Brilliant scarlet crimson. See Roses of special merit.

**Magna Charta.** Bright pink, suffused with carmine; a beautiful rose.

**Mme. Gabriel Luizet.** Fine satiny rose, very large and full.

**La France.** Splendid satiny rose; very large, full, fine form; a constant bloomer.

**Mons. Boncenne.** Dark velvety crimson, large and full.

**Paul Neyron.** Very large dark rose; by far the largest rose in cultivation.

**Prince Camille de Rohan.** Deep velvety crimson.

**Queen of Queens.** Pink with blush edges; large and full.

**Urich Brunner.** Bright cerise red; flowers large and full.

**White Baroness.** Pure white; a splendid bloomer.

Extra selected plants, 50 cts. each; \$5.00 per doz. First size plants, 40 cts. each; \$4.00 per doz.

These plants have been grown with special care and are of extra large size so as to give *immediate results*. The varieties are the very best for out-door culture, and will prove invaluable in any garden, whether for display or for cutting purposes, and are hardy with protection.

**Agrippina, or Queen's Scarlet.** A rich shade of crimson, a most prolific flowering and a most desirable bedding variety.

**Clothilde Soupert.** The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion. It makes a fine plant either for pot-culture or out-door planting.

**Countess de la Barthe, or Duchess de Brabant.** One of the most valuable bedding varieties, of a beautiful silvery pink color; very fragrant.

**Etoile de Lyon.** Fine striking sulphur yellow; the most valuable yellow for summer bedding.

**Hermosa.** Undoubtedly the best pink bedding Rose in cultivation; an old favorite.

**Papa Gontier.** One of the finest crimson out-door Roses. Color, a dark carmine crimson; a beautiful bud.

**Perle des Jardins.** Beautiful rich yellow, of large size and perfect form.

**Souvenir de Wootton.** A fine double rose of rich crimson color; very free.

**Souvenir de la Malmaison.** Rich flesh color, beautifully shaped double flowers. A grand Rose in every way.



# HYBRID PERPETUAL ROSES.

In the list offered we believe that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.



DINSMORE.

**Alfred Colomb.** A splendid rose; large, globular, full and very sweet; bright clear cherry red, shaded with crimson.

**Alfred K. Williams.** Carmine red, changing to magenta. See Roses of special merit.

**American Beauty.** An excellent rose for forcing. The flowers are very double, of a deep crimson color, and very fragrant.

**Anna de Diesbach.** Clear bright carmine; very large and finely shaped, full and fragrant.

**Baron de Bonstettin.** Dark red, almost black; very large, double, fragrant flowers; a strong grower.

**Baroness Rothschild.** A magnificent rose; color rich satiny pink. See Roses of special merit.

**Boule de Neige (Ball of Snow).** A pure white rose of good substance, of fine form and medium size.

**Captain Christy.** A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.

**Cardinal Patrizzi.** Velvety crimson, of fine form.

**Countess of Oxford.** Bright carmine red; shaded. A large and full rose.

**Dinsmore.** Rich crimson. See Roses of special merit.

**Duchess of Albany.** Rich deep pink. See Roses of special merit.

**Duke of Edinburgh.** Brilliant scarlet crimson, shaded with maroon, large and full, one of the best.

**Earl of Dufferin.** Velvety crimson, shaded with maroon, large, full, finely formed.

**Fisher Holmes.** Rich velvety crimson, large, double, and of fine form; a splendid rose.

**General Jacqueminot.** Brilliant scarlet crimson. See Roses of special merit.

**Gen. Washington.** Very full crimson, free flowering.

**Gloire de Margottin.** Dazzling scarlet.

**John Hopper.** Bright rose, carmine centre; flowers large, cupped and well formed.

**Jules Margottin.** Bright carmine, cupped; very fragrant; a splendid variety.

**La France.** Splendid satin rose; very large, full, fine form; a constant bloomer.

**Louis Van Houtte.** Dark velvety crimson.

**Mabel Morrison.** Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

**Mme. Gabriel Luizet.** Fine satiny rose, very large.

**Magna Charta.** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

**Merveille de Lyon.** Pure white, shaded rose.

**Mons. Boncenne.** Dark velvety crimson, large, full and of fine form.

**Mrs. John Laing.** Delicate pink, with satin tinge. See Roses of special merit.

**Paul Neyron.** Very large dark rose; by far the largest rose in cultivation; one of the most desirable.

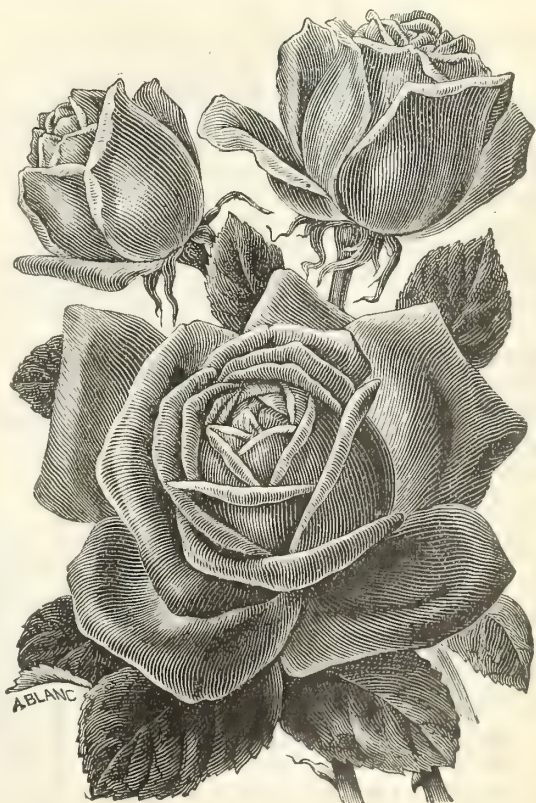
**Prince Camille de Rohan.** Deep velvety crimson maroon, shaded with red.

**Queen of Queens.** Pink with blush edges; large and full blooms; a true perpetual flowering rose. An excellent garden variety.

**Ulrich Brunner.** Bright cerise red; flowers large and full. See Roses of special merit.

**White Baroness.** Pure white; a splendid bloomer.

**Xavier Olibo.** Dark velvety purple, shaded amaranth.



GENERAL JACQUEMINOT.

First size, extra heavy two-year-old plants, 40 cents each; \$4 per doz.; \$30 per 100. (Set of 34 varieties for \$12.)  
 Second size, good " " " " 30 " " 3 " " 20 " " " " " " 8  
 Third " " one " " " 20 " " 2 " " 15 " " " " " " 6



# TEA ROSES, GENERAL COLLECTION.

The tea-scented, everblooming Roses are admired for their delicious fragrance, free-blooming qualities, and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.



AUGUSTA VICTORIA.

**Augusta Victoria.** One of the most desirable Roses of recent introduction. The flowers, which are produced in the greatest profusion, are of large size, of a creamy white color, shading deeper towards the centre. It is a strong healthy grower, with fine foliage, and will undoubtedly become popular both as a bedding variety and for forcing under glass.

**Bridesmaid.** This beautiful new rose is a sport from Catherine Mermet, possessing all the good qualities of that popular variety, but surpassing it in color, being of a darker, richer color, a deep rich pink. A most desirable acquisition and invaluable for winter forcing.

**Bon Silene.** Brilliant carmine rose, richly tea scented; a well-known favorite.

**Catherine Mermet.** Bright flesh color; full and beautiful; one of the most lovely of its color.

**Christine de Neue.** An elegant deep purple red, of fine texture and size.

**Countess Riza du Parc.** A grand Rose; color bright coppery rose, shaded violet crimson.

**Croquette de Lyon.** Light canary yellow: a most desirable bedding variety.

**Duchess de Brabant.** One of the most valuable bedding varieties; of a beautiful silvery pink color; very fragrant.

**Devoniensis.** Pale yellow; large and full.

**Etoile du Lyon.** Fine striking sulphur yellow; the most valuable yellow for summer bedding.

**Mme. Joseph Schwartz.** Light salmon rose; changing when fully expanded to creamy white.

**Mme. Welche.** Light yellow with dark orange centre; very large, full and of fine form.

**Mme. Scipion Cochet.** Color a soft primrose yellow, with rose shadings; deliciously fragrant.

**Mme. Cusin.** Flowers of medium size, of a rosy purple color, base of petals and centre of flower almost white.

**Mme. Elie Lambert.** Outer petals pure white; centre a beautiful rosy flesh; flowers cup-shaped.

**Mme. Pierre Guillot.** Large, beautiful, cream colored buds, shading to a yellow base; edges of all the petals bright rose color.

**Mme. de Watteville.** Creamy white, each petal bordered light rose like a tulip; a lovely color and shape.

**Marie Guillot.** White, slightly tinted with lemon; very large, finely shaped flowers; a valuable Rose.

**Meteor.** A rich dark velvety crimson hybrid tea, a free-bloomer and vigorous grower.

**Papa Gontier.** One of the finest roses either for out of doors or for winter forcing; dark carmine crimson.

**Perle des Jardins.** Beautiful rich yellow; of large size and perfect form.

**Safrano.** Saffron yellow; beautiful in the buds; a well-known favorite.

**Souvenir d'un Amie.** Fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant.

**Souvenir de Wootton.** Of a bright crimson color, and very fragrant.

**Sunset.** Of large size and perfect shape; it is of a rich shade of saffron and orange.

**The Bride.** A lovely pure white Rose of the Mermet type; it is very full, double and free-flowering.

**The Queen.** A pure white sport of Souvenir d'un Amie, with very large, double, fragrant flowers.



PAPA GONTIER.

First size.....	40 cts.	\$4 00	per dozen;	the set of 27 varieties,	\$7 50
Second ".....	30 "	3 00	" " " " " "	" " " "	5 00
Third ".....	15 "	1 50	" " " " " "	" " " "	2 50





## HARDY CLIMBING ROSES.

The following list comprises the best of the hardy climbing roses.

- Baltimore Belle.** Blush, flowers in clusters.  
**Gem of the Prairies.** Rich rose color, very fragrant.  
**Grevillea, or Seven Sisters.** Flowers in clusters, opening a light rose color, changing to pure white.  
**Prairie Queen.** Deep rose, hardy and desirable.  
**Reine Marie Henriette.** Rich cherry crimson, one of the finest of hardy climbing roses.  
**Sweet Briar.** Rosy pink.  
**Tennessee Belle.** Blush of good size, flowers in clusters.  
**Waltham Climbers.** The Waltham Climbers are autumn flowering. No. 1. Bright crimson. No. 3. Dark crimson.  
**Washington.** Pure white, very free.  
**W. A. Richardson.** Orange yellow, very desirable.  
**Yellow Persian.** Bright golden yellow, the only hardy yellow climbing rose.

First size, 40 cts. each; \$4.00 per doz.  
 Second " 30 " " 3.00 " "



**ROSA RUGOSA.**

## TENDER CLIMBING OR PILLAR ROSES.

These are not hardy in this latitude except in favored positions, or with protection; they are all especially adapted to covering rafters, etc., in greenhouses.

- Chromatella (Cloth of Gold).** Golden yellow.  
**Climbing Devoniensis.** Creamy white, of lovely form.  
**Gloire de Dijon.** Blush and yellow. 30 cts. to \$1.50 each.  
**Lamarque.** Creamy white.  
**Marechal Niel.** Large golden yellow. 30 cts., 50 cts., 75 cts. and \$1.00 each.  
**Solfatere.** Fine shade of yellow.  
**White Banksia.** White, small flowers; very fragrant.  
**Yellow Banksia.** Yellow, small flowers; very fragrant.  
 First size, 40 cts. each; \$4.00 per doz.  
 Second " 30 " " 3.00 " "

## DAMASK ROSES.

These four old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

- Cabbage, or Provence.** Rosy pink flowers.  
**Madame Hardy.** Beautiful large double white flowers.  
**Madame Plantier.** Pure white and a free bloomer; unrivalled for hedges or cemetery use.  
**White Provence.** Pure white, delightfully fragrant. 30 cts. each; the set of 4 for \$1.00.

## MOSS ROSES.

A class of roses which are much admired. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance.

- Blanche Moreau.** Lovely pure white, large and full.  
**Countess de Murinais.** Large white, beautifully mossed.  
**Gloire de Mosses.** Blush, very large and full.  
**Princess Adelaide.** Bright rosy pink; large.  
**William Lobb.** Purplish violet.  
 Strong plants, 40 cts. each; sets of 5 for \$1.75.

## NEW CREEPING ROSE.

### ROSA WICHURIANA.

A new and beautiful single Rose from Japan. Blooms in clusters on the ends of short branches during July and August. Flowers fragrant, single, pure white, from six to eight inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit. Foliage dark shining green, almost evergreen; prostrate, trailing habit, and soon forms a dense mat or covering. Valuable for covering low walls, banks or rockeries and for covering graves in cemeteries. It is perfectly hardy.

Extra strong plants, 40 cts. each; \$4.00 per doz.  
 Good young " 15 " " 1.50 " "

## ROSA RUGOSA.

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with bright red seed pods.

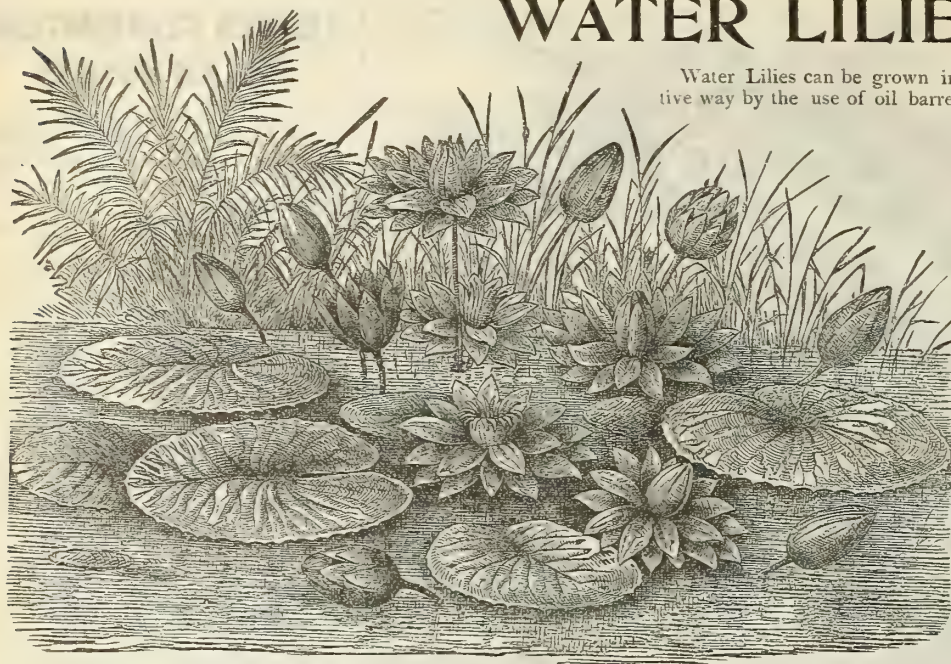
**Rosa Rugosa.** Beautiful glossy crimson.

— **Rugosa Alba.** Pure white.

Strong plants, 40 cts. each; \$4.00 per doz.



# WATER LILIES.



*NYMPHÆA DEVONIENSIS.*

in groups the centre tub can be filled with *Nelumbium Speciosum*, and the surrounding ones with *Nymphæas* and other aquatic plants. The space between the tubs can be filled with good compost, and planted with *Tuberous Begonias*, *Sedums*, *Palms*, and other suitable plants, which will give a beautiful and tropical effect.

## Nymphæa.

### Tender Varieties.

These can be wintered in a cellar, if kept at a temperature of not less than 55 degrees; they should always be kept wet.

***Nymphæa Cœrulea.*** This species is a native of Egypt. It has bright green leaves and lavender blue flowers, about 4 inches in diameter; they are very fragrant, the perfume being entirely distinct from *N. Odorata*. It is easily cultivated in a tub or tank, or it may be planted in a pond where the water is still and warm and the mud is rich. \$1.00.

— ***Dentata.*** A white flowering species with petals expanding horizontally, making them star-shaped. They have an agreeable perfume. The leaves are dark green with serrated edges. 75 cts.

— ***Devoniensis.*** This is the choicest Water Lily in cultivation. Under liberal treatment it produces flowers 10 to 12 inches in diameter, and leaves 2 feet across, the plant having a spread of 20 feet. If confined in pans, tubs, or boxes, the flowers are smaller, but otherwise just as fine; the color is a brilliant red, glowing by lamplight with indescribable brightness. \$1.50.

— ***Rubra.*** This species is a native of India, with flowers of a brilliant rosy red, stamens scarlet. The flowers are somewhat smaller than *N. Devoniensis*, measuring from 6 to 8 inches, and are a trifle more cup-shaped. The leaves are of a rich brown, and when they fade turn to a gold and crimson color, like autumn leaves. \$1.00.

— ***Sturtevanti.*** This variety has foliage of a beautiful bronzy color, sometimes almost crimson. Its flowers are very large, having a greater number of petals than *Nymphæa Devoniensis*, and a more graceful cup-shaped form. They are a beautiful rosy red color. \$5 00.

— ***Zanzibariensis Azurea.*** The deepest colored and finest of all the blue water Lilies; under good cultivation producing flowers 12 inches in diameter. \$1.00.

— ***Zanzibariensis Rosea.*** This is like *N. Zanzibariensis* in every respect, except that the flowers are of a deep rosy pink color. The outside of the sepals is of a lively green, forming a beautiful contrast with the rosy petals. \$1.00.

Water Lilies can be grown in a very simple yet effective way by the use of oil barrels cut in two. The tubs can be arranged in a row, each one a little higher than the one next to it. The tubs may be connected with short pieces of hose; a small stream of water can be kept constantly running into the highest tub, the overflow of which will run from tub to tub, thereby changing the water in all. They can also be arranged in groups, in rockeries, etc. About the middle of May the tubs should be placed in proper position and filled to half their depth with a mixture of loam and well-decayed manure, which should be covered with two inches of sand after the roots are planted to prevent the manure from rising to the top. If placed

## Nymphæa.

### Hardy Varieties.

By speaking of Water Lilies as hardy, we do not mean that they will stand actual freezing, but that they will endure the winter when placed in water beyond the reach of frost.

***Nymphæa Alba Candidissima.*** This is a large-flowered variety of the Water Lily of England; when naturalized in still water, with a very rich soil, it produces leaves 13 inches wide and flowers 6 inches in diameter, with very broad petals of a pure white color. \$1.00.

— ***Odorata Sulphurea.*** A handsome yellow flowered form of our native variety. \$1.00.

— ***Flava.*** This is a true Water Lily, with yellow flowers and a delicate perfume. Its leaves are beautifully variegated with brown. It is a very desirable variety either for pond, tub, or aquarium. 30 cts. each; \$3.00 per doz.

— ***Odorata.*** Our native Water Lily, flowers pure white and very fragrant; when grown in rich mud it will produce flowers 6 inches and leaves 13 inches across. 30 cts. each; \$3.00 per doz.

— ***Odorata Minor.*** A small flowered variety of our native Water Lily, producing flowers of only 1½ to 2 inches in diameter. 30 cts.; \$3.00 per doz.

— ***Odorata Minor (Variety).*** This is a pretty variety of the small-flowered form of *Odorata*, with a distinct lining of bright rosy pink on the outer petals. 30 cts. each; \$3.00 per doz.

— ***Odorata Rosea (Cape Cod Water Lily).*** This is the famous pink Water Lily of Cape Cod, and is a grand acquisition to our list of hardy Lilies. It possesses all the desirable qualities of the white-flowered species, hardiness, freedom of bloom and delicious fragrance, with the added charm of a deep pink color. \$1.00.

— ***Marliacea Chromatella.*** A new variety with fragrant flowers as large as *N. Odorata*, having broad petals of a beautiful yellow color. The habit of the plant is like *N. Candidissima*, flowering freely the entire season. Perfectly hardy. \$1.00.



## NELUMBIUM.

These wonderful plants, though mostly coming from tropical and semi-tropical regions, have proven to be entirely hardy in this country, enduring any degree of cold short of actual freezing. They may be grown and flowered in a large tub, or in a cement basin sunk in the ground, where the water is 12 or 15 inches deep.



NELUMBIUM SPECIOSUM.



PARROT'S FEATHER.

**Nelumbium Album Grandiflorum** (*White Lotus*). An exceedingly beautiful variety producing large bold flowers of a pure white color. \$3.00.

— **Nuciferum Album Striatum**. The flowers of this are white, the edge of each petal irregularly marked and splashed with crimson. \$3.00.

— **Nuciferum Roseum**. Flowers of a uniform deep rose pink color, much darker than Speciosum. \$2.50.

— **Speciosum**. This is the true Lotus of Egypt, and is one of the loveliest of the Water Lilies. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant—they open in the morning and close in the afternoon. It is a very interesting plant, and has been an immense success everywhere.

Strong roots, \$1.00 each.

Extra strong roots, \$1.50

| **Nelumbium Luteum** (*American Lotus*). Though a native of this country, it is not common. There is scarcely any difference between this and *N. speciosum*, except in the color of the flowers, which are of a rich sulphur yellow. They are as large as a quart bowl, and have a strong fragrance, entirely unlike that of a Nymphaea. Still, warm water and very rich soil are the conditions for success with these noble plants. A large patch of them, with hundreds of flowers and buds, is a sight never to be forgotten. 50 cts.

## IRIS.

We would especially recommend the Iris for planting round water lily ponds or in moist situations. Its lovely flowers will afford a charming contrast to the lilies. As they are perfectly hardy, they can remain from year to year without any care, and increase in beauty with age. 15 cts. each; \$1.50 per doz.



## AQUATICS.

## CYPERUS ALTERNIFOLIUS.

An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 25 cts. each.

## JUNCUS ZEBRINUS.

This is a true rush, growing from 1½ to 3 feet high, producing leaves variegated in the same manner as a porcupine quill, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or window plant. 30 cts. each.

## LIMNOCHARIS

## HUMBOLDTI.

A pretty little aquatic, with oval leaves, and yellow, poppy-like flowers, standing out of the water. It should be grown in partial shade. It is a good plant for growing in shallow water or an aquarium. 25 cts. each.

## Limnanthemum Nymphaeoides.

(Water Poppy.)

The flowers of this are similar to the above, but the leaf is larger, resembling a small Water Lily leaf, and is very pretty. It may be grown the same as the Limnocharis and is perfectly hardy. 30 cts.

## LIMNANTHEMUM INDICUM.

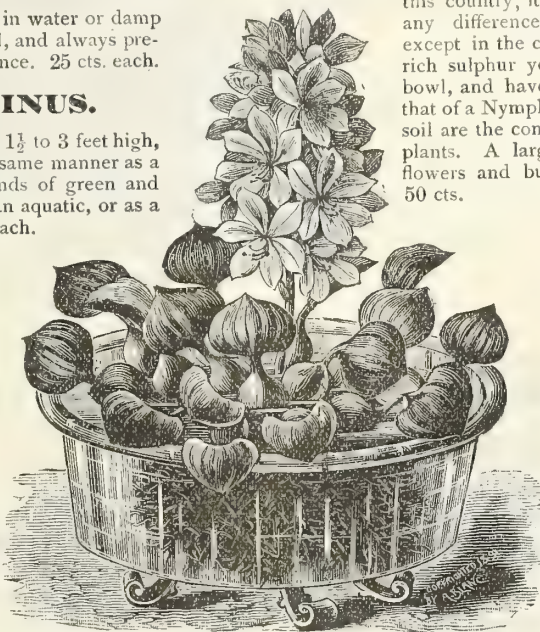
(Water Snowflake.)

In growth the plant resembles a Water Lily, with leaves from 3 to 5 inches across. The flowers are produced upon the stem of the leaf, and are about as large as a fifty-cent piece, as shown in the engraving. They are white, and the upper surface of the petals is covered with a delicate fringe, giving them the appearance of crystal, star-shaped snowflakes. 50 cts.

## PARROT'S FEATHER.

(Myriophyllum Proserpinacoides.)

An aquatic hanging plant is a novelty indeed, and we have it to perfection in this dainty little jewel. Its long trailing stems are clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress Vine, and much more delicate. Planted in a water-tight hanging basket, so water can be kept standing on the surface, it will trail finely. 15 cts. each; \$1.50 per doz.



THE WATER HYACINTH.



WATER SNOWFLAKE (Limnanthemum Indicum).



**PISTIA STRATIOTES.**

A very curious plant, which floats upon the water. Its long fibrous roots extend downwards, but have no connection with the soil. It forms a rosette of light green velvety leaves, about 6 inches across; likes plenty of heat, and should be shaded from the direct rays of the sun. 25 cts.

**PONTEDERIA AZUREA.**

This new species of "Water Hyacinth" produces large spikes of flowers, of a lovely shade of lavender blue, with a rich purple centre, petals delicately fringed. 25 cts.

**PONTEDERIA CRASSIPES MAJOR.**

(The Water Hyacinth.)

A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a Hyacinth. The individual blooms are 2 inches in diameter. It should be grown in about 3 inches of water, so that the ends of the roots can enter the soil. 15 cts.

**SAGITTARIA JAPONICA FL. PL.**

(Double-Flowered Arrowhead.)

Resembling the native Arrowhead, but producing tall spikes of pure white flowers as double as the finest Carnation. For shallow water; hardy. 30 cts.

**Special Low-Priced Collection of Aquatics.**

The varieties named below are a selection of the most popular and easily grown sorts, which we grow in large quantities. We will supply the collection of 12 varieties, one plant of each, amounting at our regular rates to \$6.75, for \$5.00.

**Nelumbium Speciosum** (*Egyptian Lotus*).

" **Luteum** (*American Lotus*).

**Nymphaea Dentata.**

" **Rubra.**

" **Zanzibariensis Azurea.**

" **Flava.**

" **Olorata.**

" " **Minor.**

" " **Rosea** (*Cape Cod Lily*).

**Myriophyllum Proserpinacoides.**

**Pontederia Crassipes Major.**

**Limnanthemum Nymphaeoides.**

**HARDY GRASSES.**

**Arundo Donax.** A magnificent hardy grass, growing to a height of 15 feet, and forming dense clumps.

25 cts. to \$1.00 each.

— **Donax Variegata.** A hardy, broad-leaved, variegated bamboo; foliage creamy white and green; growing 6 to 8 feet high. 30 cts.

**BAMBUSA METAKE.**

A perfectly hardy Japanese Bamboo of dwarf habit, attaining a height of not over 5 to 6 feet. The foliage is of a rich dark green and is retained on the plant in a fresh condition almost the entire winter. It makes a most desirable addition to the border in connection with shrubbery, or as an individual specimen for the lawn. 50 cts. each; \$5.00 per dozen.



EULALIA JAPONICA ZEBRINA.

**ERIANTHUS RAVENNÆ.**

A hardy Ornamental Grass, which grows from 9 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It resembles the Pampas Grass, but blooms much more abundantly. 30 cts. each. Clumps 75 cts.

**EULALIA JAP. VARIEGATA.**

A very graceful, tall, ornamental grass from Japan. Its long, narrow leaf-blades are striped green, white, and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes. 25 cts. each; \$2.50 per doz. Clumps 75 cts.

**EULALIA JAPONICA ZEBRINA.**

This variety resembles Japonica in hardiness, growth and bloom. The long blades are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 25 cts. each; \$2.50 per doz. Clumps \$1.00 each.

**EULALIA GRACILLIMA UNIVITTATA.**

This is a grand addition to the Ornamental Grasses; of compact habit with very narrow foliage, of a bright green color with a silvery white midrib. 25 cts. each; \$2.50 per dozen. Clumps \$1.00 each.

**PAMPAS GRASS.**

One of the most effective of the Ornamental Grasses. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground from year to year if protected. 25 to 50 cts. each. Extra strong plants \$1.00 each.

**VARIEGATED PAMPAS GRASS.**

This is a variegated form of the Pampas Grass, from which it differs in the foliage, which is of a dark green beautifully lined with golden yellow; it is of more compact growth than the ordinary Pampas, is a strong free grower and a fine addition to our variegated grasses, but is not hardy. It should be lifted in the fall and stored in a light position, free from frost. 50 cents each.



ARUNDO DONAX VARIEGATA.

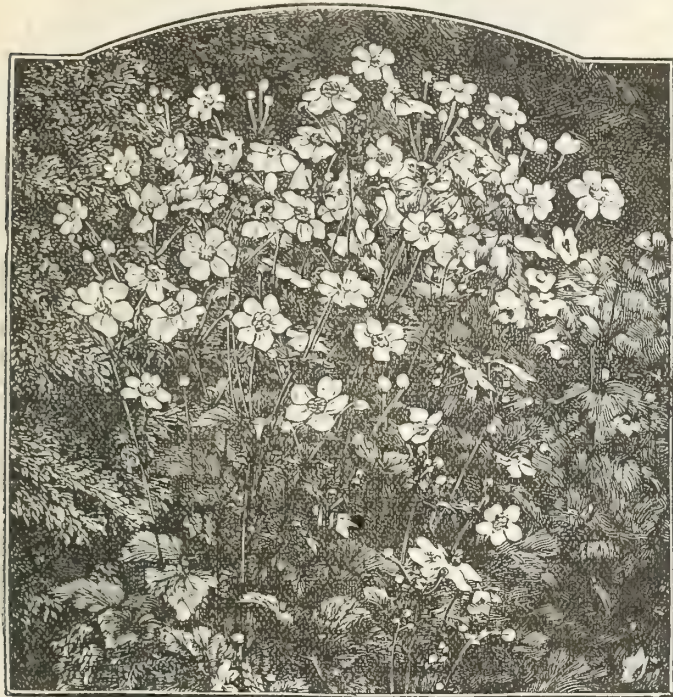
individual specimen for the lawn. 50 cts. each; \$5.00 per dozen.



# HARDY PERENNIALS.

The steadily increasing demand for hardy plants has induced us to give them more attention and to increase our stock considerably. Though our list is not as long as some offered, it has been our aim to offer only the most desirable and to exclude all weedy and inferior sorts.

For such of our customers who are not acquainted with the different varieties we shall be pleased to make suitable selections of the most desirable species that, when once planted, with very little care, will keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.



ANEMONE JAPONICA ALBA.

**ANEMONE PENNSYLVANICA.** A pretty native variety, with large white flowers tinged with red on the under side. 15 cts. each; \$1.50 per dozen.

**ANTHERICUM LILIASTRUM** (*St. Bruno's Lily*). A beautiful plant, with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers. 15 cts. each; \$1.50 per dozen.

**ANTHEMIS TINCTORIA—Hardy Golden Marguerite.** This is one of the best yellow-flowered perennials we have. It is a continuous bloomer the entire summer, unequalled for cutting, and it is a magnificent grower, withstanding both wet and dry weather. The flowers are of the exact form of a daisy, but clear yellow. 15 cts. each; \$1.50 per dozen.

**AQUILEGIA CHRYSANTHA.** A beautiful golden-spurred Columbine from the Rocky Mountains. Flowers golden yellow; blooms in early spring. 25 cts. each; \$2.50 per dozen.

**AQUILEGIA GLANDULOSA.** A pretty species, with bright, lilac-blue sepals and pure white petals. 25 cts. each; \$2.50 per dozen.

**ASTILBE JAPONICA—Spiræa Japonica.** Splendid for outside flowering or forcing. Flowers white. 15 cts. each; \$1.25 per dozen.

**ASCLEPIAS TUBEROSA.** One of the showiest of our late summer and autumnal flowers, and deserving of extensive cultivation; blossoms in close, compact umbels of a brilliant orange color. 15 cts. each; \$1.50 per dozen.

**ASTERS—Hardy Michaelmas Daisies.** Very pretty free-blooming hardy plants, commencing to bloom early in the season and continuing till killed by frost; rose-colored and purple. 25 cts. each; \$2.50 per dozen.

**CAMPANULA CARPATICA—Dwarf Canterbury Bells.** A pretty species growing in compact tufts not exceeding 8 inches in height, beginning to flower early in June and continuing almost the entire summer; flowers about one inch in diameter; we offer two colors, blue and white. 15 cts. each; \$1.50 per dozen.

**CAMPANULA GROSSEKII.** One of the prettiest of the Canterbury Bells, of erect habit, with dark blue flowers. 15 cts. each; \$1.50 per dozen.

**ACHILLEA, THE PEARL.** A grand improvement on the old Achillea fl. pl. The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pomponé Chrysanthemum; as a summer cut-bloom it is a great acquisition. 15 cts. each; \$1.50 per dozen.

**AJUGA REPTANS.** A dwarf growing and pretty perennial, especially suited as an edging plant; succeeds well in any position. 15 cts. each; \$1.50 per dozen.

**ANEMONE JAPONICA.** One of the most beautiful of the hardy herbaceous plants. They commence to open their rich-colored single blooms in August, and continue to increase in beauty until cut by frost. They thrive best in a light, rich, moist soil, and should not be transplanted more than is necessary when they become too thick.

**Alba.** Pure white, yellow centre and dark eye.

**Elegans.** Carmine, yellow centre, dark eye.

**Rosea.** Dark rose, shaded pink, yellow centre and dark eye.

15 cts. each; \$1.50 per dozen.

**ANEMONE WHIRLWIND.** A new semi-double form of Anemone Japonica Alba which is supposed to be a cross between this beautiful variety and A. Japonica Rosea. In general style and habit it is identical with the white Anemone. It is of the same strong habit of growth, and is even more free-flowering than the original type. The flowers, which are 2½ to 3 inches across, have several rows of pure white sepals, and have the advantage of lasting much longer than the single varieties. We consider this a good acquisition, and cannot recommend it too highly. 25 cts. each; \$2.50 per dozen.







## COREOPSIS LANCEOLATA

This handsome perennial, which was introduced some ten years since, has grown in favor so rapidly that it is now probably the most popular perennial plant in cultivation. Our own estimation of the plant is such that if we had room to plant but one plant of this class, it would surely be this golden

Coreopsis, which begins to flower early in June and continues in flower until cut down by severe freezing weather; it is continually one mass of golden yellow. The flowers, which are of graceful form, are invaluable for cutting for decorative purposes; it is easily grown, is perfectly hardy and succeeds in almost any position, and after once being planted takes care of itself.

COREOPSIS LANCEOLATA.

We offer large, strong clumps which will produce an immediate effect at 25 cts. each; \$2.50 per dozen; \$15.00 per 100. Good, strong young plants, which will flower freely this summer, 10 cts. each; \$1.00 per dozen; \$6.00 per 100.

See colored sketch on fourth page of cover.

## CLEMATIS DAVIDIANA.

This new Japanese Clematis is destined to be one of the finest of hardy plants and indispensable to all collections of plants. It is a shrubby, upright plant, from two to four feet high, with fresh, bright foliage; leaves grow in whorls around the stem. The flowers circle and cluster in the greatest profusion around each whorl of leaves, making several tiers (four to six) of clusters extending, one above the other, from near the ground to the top of the foliage. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. 25 cts. each; \$2.50 per dozen.

**DELPHINIUM FORMOSUM.** This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants, and should be planted extensively, even in the smallest garden; its long spikes of bright blue flowers are produced continually from June until frost. 20 cts. each; \$2.00 per dozen.

**DIANTHUS PLUMARIUS STANISLAUS.** Of dwarf compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. 15 cts. each; \$1.50 per dozen.

**DICTAMNUS FRAXINELLA.** A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied to it. 25 cts. each; \$2.50 per dozen.

**DIELYTRA SPECTABILIS** (*Bleeding Heart*). Adapted for out-door planting or forcing for early spring blooming. It bears long racemes of graceful heart shaped pink flowers. 15 cts. each; \$1.50 per dozen.

**DIELYTRA EXIMIA** (*Pheny Bleeding Heart*). Similar in growth, but with flowers a deeper shade than *D. Spectabilis* and borne in plumes. 25 cts. each; \$2.50 per dozen.

**DIGITALIS** (*Foxglove*). A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet. 15 cts. each; \$1.50 per dozen.

**DORONICUM EXCELSUM.** A strong-growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. 25 cts. each; \$2.50 per dozen.

**FEVERFEW** (*Little Gem*). The flowers are large, of perfect form and of the purest white. 12 inches. 15 cts. each; \$1.50 per dozen.

**FUNKIA ALBA** (*Day Lily*). Pure white, lily-shaped, fragrant flowers; borne in large clusters, 25 cts. each.

**FUNKIA CÆRULEA.** Blue, broad green leaves. 15 c.  
**FUNKIA VARIEGATA.** Green and white foliage with purple flowers. 25 cts. each; \$2.50 per dozen.

**LOBELIA CARDINALIS.** A desirable native variety, producing large spikes of bright scarlet flowers. 15 cts. each; \$1.50 per dozen.

**MONARDA DIDYMA** (*Oswego Tea*). Flowers bright scarlet, produced in terminal spikes. 15 cts. each; \$1.50 per dozen.

**MYOSOTIS DISSITIFLORA** (*Forget-me-not*). Hardy, spring-blooming plants, bearing a profusion of lovely light blue flowers. 15 cts. each; \$1.50 per dozen.





See  
colored  
sketch  
on first page  
of cover.

## Gaillardia Grandiflora.

Gaillardias are among the showiest and most effective of hardy perennial plants; beginning to flower in June, they continue one mass of bloom the entire season; they will thrive in almost any position or in any soil, but respond freely to liberal feeding; being perfectly hardy they require absolutely no protection, taking care of themselves. The flowers are large, from  $2\frac{1}{2}$  to  $3\frac{1}{2}$  inches in diameter, they are produced on long stems and are excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower.

Strong clumps for immediate effect, 25 cents each; \$2.50 per dozen; \$15.00 per 100. Strong young plants, which will flower freely this summer, 10 cents each; \$1.00 per dozen; \$8.00 per 100.

**HEMEROCALLIS KWAMSO**, fl. pl. (*Double Orange Lily*). A double flowering form of the Orange Lily and a most desirable herbaceous plant, that deserves being planted very largely; large orange-colored flowers shaded copper, blooms the greater part of summer. 25 cts. each; \$2.50 per dozen.

**HEMEROCALLIS FULVA** (*Lemon Lily*). Lemon-colored flowers, excellent for planting among shrubbery. 15 cts. each; \$1.50 per doz.



HIBISCUS, SINGLE.

### HEMEROCALLIS FLAVA (*Yellow Day Lily*).

A most useful and desirable herbaceous plant, producing its large golden yellow flowers during July and August in the greatest profusion; the plants grow about 3 feet high. 15 cts. each; \$1.50 per doz.

### HELIANTHUS MULTIFLORUS, fl. pl.

(*Double Hardy Sunflower, or the Dahlia Sunflower*). One of the most useful perennial plants in cultivation. It is perfectly hardy and produces its large double Dahlia-like golden yellow flowers in the greatest profusion during the entire summer and fall. 15 cts. each; \$1.50 per doz.

**HELIANTHUS MAXIMILLIANA**. A most graceful single-flowered variety, growing from 5 to 7 feet high, continuing in bloom very late in the season. The flowers are produced in long graceful sprays, which make it invaluable for cutting purposes. 15 cts. each; \$1.50 per doz.

**HIBISCUS** (*Perennial Mallow*). The flowers, which are produced freely from July to September, are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow 5 to 8 feet high and form dense bushes, which are in season a complete mass of bloom. 15 cts. each; \$1.50 per doz.

**HYACINTHUS CANDICANS** (*Galtonia*). A snow-white summer flowering Hyacinth, growing 3 to 4 feet in height, gracefully surmounted with from twenty to thirty pure white bell-shaped flowers. 5 cts. each; 50 cts. per doz.



HELIANTHUS MULTIFLORUS, FL. PL.

### IRIS GERMANICA.

These are neat, robust, hardy herbaceous early blooming plants, with large ornamental flowers of rich and elegantly blended colors exquisitely striped with dark violet, purple or bronzed lines, upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low-growing sedges on the margins of fish ponds.

**Comte de St. Clair**. White, shaded violet.

**Florentine**. White.

**Hericartiana**. Pale blue.

**Honorabilis**. Orange, lower petals brown.

**Pajole**. Purplish lilac, lower petals dark.

**Raphael**. Nankin yellow, lower petals purple with white veins.

**Spectabilis**. White, penciled with blue.

**Virgile**. Bronzy red, lower petals lilac.

**Virginal**. White petals, veined with purple.

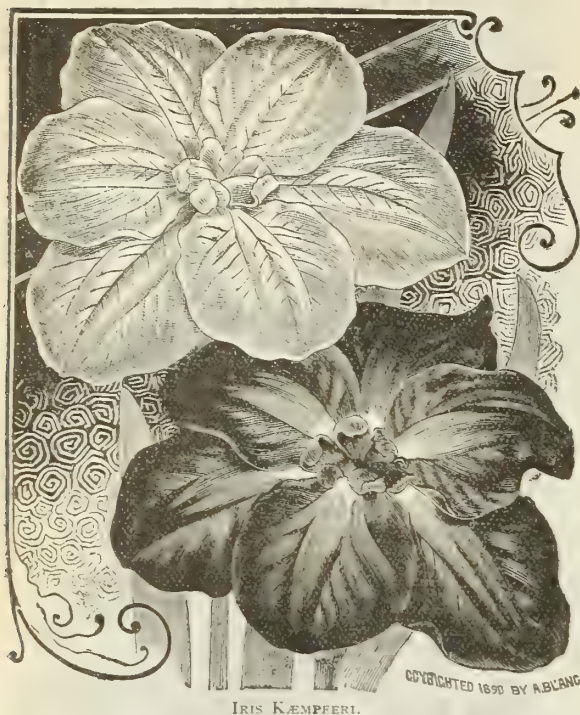
**Walneri**. Lilac, lower petals dark blue.

15 cts. each; \$1.50 per doz. Set of 10 varieties for \$2.50.

**Iris Cristata**. A pretty dwarf variety especially adapted for edging; throat and crest deep yellow, lip light blue. 10 cts. each; \$1.00 per doz.

— **Pumila**. Dwarf, early flowering, light blue, purple and yellow mixed. 10 cts. each; \$1.00 per doz.





### IRIS KÄMPFERI.

(Japanese Iris.)

These magnificent Japanese Iris are among the most beautiful of our summer flowering plants and are destined to become great favorites. They commence flowering early in July and continue in bloom for five or six weeks. Many of these flowers measure from ten to twelve inches in diameter and almost rival the orchids in their rich colorings and markings.

**Beauty.** Light lilac veined with red, and purple centre; double.

**Colibri.** Reddish crimson, white centre and veins, very distinct; double.

**Eclipse.** Lavender blue, very finely veined and splashed with white.

**Fairy.** White dashed with deep pink, bright pink centre; a peculiarly mottled flower; double.

**Panorama.** Light pink splashed with crimson and penciled white on the edges; single, very distinct.

**Paragon.** Pure white lightly veined with purple; indigo blue centre: double.

**Purple Gem.** Indigo blue centre, shading to the richest purple on the edges, centre marked with white and yellow; double.

**Silver Cloud.** Ash gray veined with white, yellow centre; double.

**Snowball.** Fine large double white; extra.

**Spring Grove.** Rich blue, shading to purple on the edges, marked with yellow in the centre; very double.

**Rosamonde.** Rich rosy purple.

**Vigilant.** Rich crimson edge, shading to a light blush in the centre, white veins; double.

25 cts. each; set of 12 varieties for \$2.50.

Very fine mixed varieties, 15 cts. each; \$1.50 per dozen.

### THE RAGGED ROBIN.

**Lychnis Viscaria, Double Red** (*See cut*). When not in flower it forms a dense tuft of evergreen foliage, but in June it sends up tall spikes as illustrated, of handsome, double, deep-red flowers of a most exquisite fragrance, and which remain in perfection for from a month to six weeks. A bed of these makes a most gorgeous effect, while single plants quickly give splendid results. 25 cts. each; \$2.00 per dozen.

— **Viscaria, Double White.** Large, double, white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, taking the place of the Carnation at a season when double white flowers are in great request; perfectly hardy. 25 cts. each; \$2.50 per dozen.



RAGGED ROBIN (*Lychnis Viscaria*).

## LILIES.

### **Lilium Auratum** (*Golden Japan Lily*).

This superb Lily has flowers 10 to 12 inches in diameter, composed of 6 white petals, thickly studded with rich chocolate-crimson spots, and a bright golden band through the centre of each petal; exquisite vanilla-like perfume. Extra strong bulbs, 35 cts. each; \$2.50 per dozen. Fine bulbs, 25 cts. each; \$2.50 per dozen.

### — **Speciosum Album.**

Large white flowers of great substance, with a greenish band running through the centre of each petal; very fine. 30 cts. each; \$3.00 per dozen.

### — **Speciosum Rubrum.**

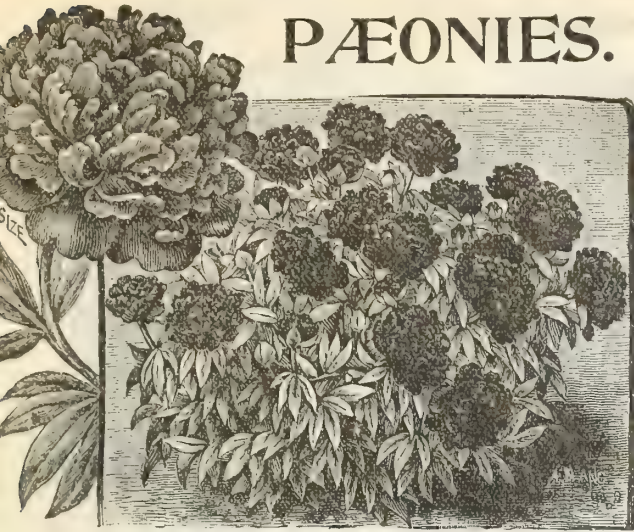
Is white, heavily spotted with rich crimson spots. 20 cts. each; \$2.00 per dozen.



LILIUM AURATUM.



# PÆONIES.



## HERBACEOUS PÆONIES.

The Herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils. We offer a splendid assortment in twelve distinct varieties, embracing all the leading shades, white, pink, crimson, rose, purple, etc., etc.

Good strong roots, 30 cts. each; \$2.50 per dozen.

## TREE PÆONIES.

This plant, instead of dying down to the ground every winter, like the herbaceous variety, grows into a hard-wooded shrub. The flowers are the same in form as the common variety, but of a light pink or bluish color. As the plants attain age they make very showy bushes and are very desirable for planting among shrubbery.

Strong plants, 75 cts. each; \$7.50 per dozen.

## SCOTCH PINKS.

Dwarf hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent. Though the plants are hardy, they winter better if protected.

**Earl of Carlisle.** White, laced crimson.

**Juliette.** White, laced crimson.

**Laura Wilmer.** White, purplish maroon centre.

**Prince Arthur.** Crimson centre, blush lacing.

**Snow** (*Mrs. Sinkins*). Large pure white, very fragrant.

15 cts. each; \$1.50 per dozen; set of 5 for 60 cts.

## NEW HARDY GARDEN PINK, "HER MAJESTY."

The flowers of this fine variety are of large size and of the purest white, very fragrant, and borne profusely on stout, erect stems, 12 inches long. It is hardy, and will winter in the open border, or may be grown in cold frames for early forcing.

15 cts. each; \$1.50 per dozen.

## PLATYCODON.

(Bell Flowers.)

**Grandiflorum.** One of the very best perennial plants; in constant flower from early spring to late fall. It forms dense clumps, which are covered with a mass of bell-shaped flowers. 15 cts. each; \$1.50 per dozen.

**Mariessi.** A valuable new species of the Giant Bell flower, which does not grow higher than a foot, forming a dense-branched bush and bearing deep blue, bell-shaped flowers nearly three inches across for a long season in late summer and early autumn. One of the finest of border plants. The unopened buds are nearly as beautiful as the flowers themselves, and are particularly interesting in their peculiar shape. 25 cts. each; 5 for \$1.00.

## PLUMBAGO LARPENTÆ.

A very useful edging plant, bearing rich deep blue flowers and continuing in bloom till cut by frost. 15 cts. each; \$1.50 per dozen.

In the past I have received the best plants from you that I have ever bought.

W. W. HILBORN, Leamington, Ont., Canada, Sept. 7, 1894.

## NEW PERENNIAL PHLOX.

We take pleasure in offering this set of Phloxes, which have been selected for us by a French specialist and embrace all the finest varieties of recent introduction.

**Abundance.** Immense panicles of a rosy wine color suffused with violet, white eye.

**Abyssinie.** Clear violet with purple centre.

**Brilliant.** Very large trusses of clear reddish orange.

**Capitaine Wilhelmy.** Large trusses of ruby flowers with blood red centre.

**Eclairer.** Flowers of immense size, carmine, salmon centre with rosy white star.

**Eckman Chatrian.** Violet, rosy purple edges.

**Embracement.** Coppery rose color with purple eye.

**E. Levassieur.** The finest pure white variety.

**Gladiator.** Very large violet rose.

**Iris.** Bluish white violet, large bluish centre, the nearest approach to a blue yet sent out.

**Jourdan.** Violet rose, large white eye, flowers of good size.

**Le Soleil.** Rose, very bright centre.

**Moliere.** Pale salmon rose edged with purple.

**Marquise de Breteuil.** Salmon rose with purple eye.

**Matador.** Orange overlaid with salmon, cerise eye.

**Neptune.** Salmon rose, shaded violet, very large.

**Ornement.** Rosy lake, large velvety purple centre.

**Pacha.** Large salmon rose shaded lilac.

**Puritan.** Soft rosy pink overlaid with salmon, very large.

**Pluton.** Brilliant carmine.

**Renomee.** Clear violet with white eye.

**Sesostrie.** Carmine shaded amaranth, very bright.

**Surprise.** Orange scarlet shading to violet on edge.

**Sylphide.** Panicles of very large pure white flowers.

**William Robinson.** Pale rosy salmon, large violet centre.

Strong young plants that will flower freely this season, ready March 1st. 20 cts. each; \$2.00 per dozen.

The set of 25 varieties for \$3.50.

## PHLOX.—General Collection.

**Coccinea.** Intense crimson scarlet.

**Cross of Honor.** Beautiful light rose, striped white.

**Elaine.** Vermilion, tinted purple, scarlet centre.

**Joseph Bau.** Rich purplish violet.

**Le Sultan.** Purplish crimson.

**Lothair.** Brilliant salmon rose.

**Mme. Deveret.** Bright rose, crimson eye.

**Mlle. Ladonette.** Rosy blush, deep rose eye.

**Nettie Stewart.** A fine large white.

**Princess de Furstenberg.** White, carmine eye.

**Sir E. Landseer.** Very brilliant dark crimson; large.

**Saison Lierval.** White, centre violet-rose.

**Triumph de Twickle.** Rosy magenta.

**Washington.** White, rosy purple centre.

**White Lady.** Large pure white, extra.

15 cts. each; \$1.50 per dozen.



HARDY GARDEN PINK, HER MAJESTY.



**HARDY PERENNIALS**—Continued.ICELAND POPPY (*Papaver Nudicaule*).**ORIENTAL POPPIES.**

Beautiful mixed varieties of this choice large-flowering Poppy, producing its handsome flowers in profusion during the summer. 15 cts. each; \$1.50 per dozen.

**SEDUM ACRE.** Excellent for cemetery use or growing under trees; flowers yellow. 15 cts. each; \$1.50 per doz.

**SEDUM FABARIUM.** An upright growing variety 15 to 18 inches high, flowers soft rosy pink. 15 cts. each; \$1.50 per dozen.

**SPIREA ULMARIA.** "Meadow Sweet." White fragrant flowers. 25 cts. each; \$2.50 per dozen.



ORIENTAL POPPY.

**ICELAND POPPIES.**

These poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious Lilac-like fragrance. The plants form very ornamental tufts of Fern-like foliage, from amongst which the slender flower stalks rise to about a foot in height, and bear elegant cup-shaped flowers, the petals of which glisten like crushed satin. The profusion of blooms which they produce is really astonishing, often a hundred flower stems on a single plant, and they are produced in never-ceasing succession from the beginning of June to October. Not only are these Poppies attractive in the garden, but for elegance in a cut state they are simply unsurpassed. Mixed colors, 15 cts. each; \$1.50 per doz.

**SPIREA FILIPENDULA fl. pl.** Numerous corymbs of double white flowers, and pretty fern-like foliage; one of the most useful perennials. 25 cts. each; \$2.50 per doz.



TRITOMA GRANDIFLORA.

**TRITOMA UVARIA GRANDIFLORA** (*Flame Flower*). A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red tubular flowers; familiarly known from its glowing colors as the "Red-hot Poker;" effective among shrubbery. 25 cts. each; \$2.50 per dozen.





**XEROPHYLLUM ASPHODELOIDES.**  
(Turkey's Beard.)

A desirable hardy plant, indigenous to some parts of the United States, and should be grown in a moist situation. It is an odd-looking plant, with grass or sedge-like leaves 15 inches long, which are evergreen. It grows in clumps, from which rise from one to five flower-stems 3 feet high, each bearing a showy head of white flowers. 15 cts. each; 4 for 50 cts.

**STATICE ARMERIA (Sea Pink).**

Brilliant rose color. The best of the Armerias. Fine for edgings or borders. In bloom from May until hard frosts. Will flourish even on poor soil. 25 cts. each; \$2.50 per dozen.



**VINCA MINOR (Periwinkle).** A desirable trailing plant for shady places. 15 cts. each; \$1.50 per dozen.

**YUCCA FILAMENTOSA (Adam's Needle).** A fine lawn plant. 25 cts. each; \$2.50 per dozen.



**TRILLIUM GRANDIFLORUM.** The "Wake Robin." An excellent hardy plant with large white flowers; fine for the hardy border in a shady situation, but also does very well and flowers freely in a sub-aquatic position. One of our best native flowering plants, and much admired. 15 cts. each; \$1.50 per dozen.



**VIOLET.**

(New Double Russian.)

A perfectly hardy Double Blue Violet, deliciously fragrant, deep in color, and very free flowering. 15 cts. each; \$1.50 per dozen.

Assortments of Hardy Perennials. Strictly our selection, all distinct varieties:

12	Hardy Perennials, assorted varieties,	\$2.00.
25	" " " " "	4.00.
50	" " " " "	7.00.
100 in 50 species and varieties,		\$12.00.





### ARISTOLOCHIA SIPHO.

A vigorous and rapid growing climber, bearing singular brownish colored flowers, resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, beside its fine light green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. 50 cts. each; \$5.00 per doz. Extra strong plants, \$1.00 each.

### AKEBIA QUINATA.

One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. 25 to 50 cts. each; \$2.50 to \$5.00 per doz.

### AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper.)

A very rapid grower, with large dark green foliage, which changes in the fall to scarlet. A very desirable vine for covering arbors, verandas, etc. 25 cts. each; \$2.50 per doz.

### AMPELOPSIS VEITCHI.

An entirely hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive-green brown color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick or stone walls that can be grown. 25 cts. each; \$2.50 per doz. Extra large, 50 cts. each; \$5.00 per doz.

### APIOS TUBEROSA.



APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich deep purple flowers, which have a strong, delicious violet fragrance. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and should not be taken up over winter. Plant two or three bulbs near together to produce a mass of vines and flowers. 5 cts. each; 50 cts. per doz.

### BIGNONIA.

(Trumpet Creeper.)

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

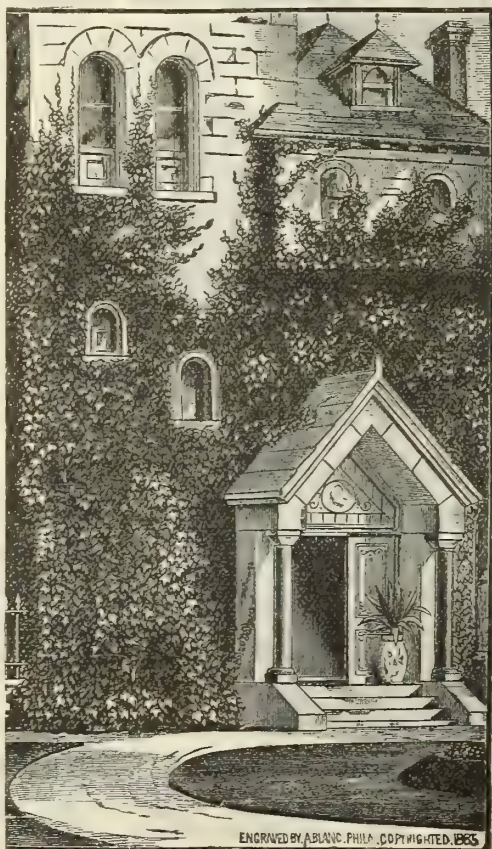
**Grandiflora.** Large-flowered Trumpet Creeper, bearing blooms of an orange-red color. 50 cts. each.

**Radicans.** Dark red, orange throat; free-blooming and very hardy. 25 cts. each; \$2.50 per doz.

### CINNAMON VINE.

(Dioscorea Batatas.)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, reaching about 8 feet in height; quite hardy. Good roots, 15 cts. each; 2 for 25 cts.



AMPELOPSIS VEITCHI.





CLEMATIS. MADAME EDOUARD ANDRE.

## Hardy Clematis.

The Clematis we offer this season are exceptionally fine strong plants, two years old; we have reduced the number of varieties to such sorts as from experience we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least 3 inches below the surface of the soil. They delight in a rich, cool soil in an open, sunny position. For covering walls, trellises or verandas, old trees or ruins, or as specimens on the lawn or in borders, or for massing in large beds on the lawn, they have scarcely an equal, certainly no superior.

**Anderson Henryi.** Creamy white, large and handsome.

**Countess Lovelace.** Bluish lilac, rosette-shaped.

**Duchess of Edinburgh.** The best of the double pure whites, deliciously scented.

**Fairy Queen.** Large flowers, pale flesh, with a pink bar.

**Gipsy Queen.** One of the very finest of the rich purple varieties, a strong grower and free bloomer.

**Boskoop Seedling.** Extra large lavender.

**Jackmanni.** The best known and most popular variety. Color, dark, rich, royal purple. A mass of bloom when in full flower.

**Jackmanni Alba.** A fine pure white.

**Jackmanni Superba.** Very dark violet purple.

**John Gould Veitch.** Lavender blue; flowers double.

**Jean D'Arc.** Large single white.

**Lanuginosa Candida.** White, tinted; a fine flower.

**Lawsoniana.** Rosy purple with darker veins.

**Lord Londesborough.** Deep mauve, large flowers.

**Madame Van Houtte.** Pure white; extra fine.

**Miss Bateman.** White with chocolate-red anthers.

**Standishii.** Light lavender blue.

**The Gem.** Deep lavender blue.

**Velutina Purpurea.** Dark mulberry, distinct.

50 cts. each; \$5.00 per dozen.

### CLEMATIS VIRGINIANA.

A rapid, strong growing variety, producing a profusion of white flowers during July and August. 25 cts. each; 5 for \$1.00.

### NEW RED CLEMATIS, MADAME EDOUARD ANDRE.

An entirely distinct and most novel variety and the nearest approach to a bright red ever sent out. The plant is a strong, vigorous grower, being a hybrid of the popular Jackmanni, which it resembles in freedom of bloom, strong vigorous growth and shape and size of flower, but is of a distinct carmine red color of a most pleasing shade, entirely different from all other varieties. 75 cts. each.

### CLEMATIS COCCINEA.

A very handsome, hardy climber, bearing thick, bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. 25 cts. each; 5 for \$1.00.

### CLEMATIS CRISPA.

A very beautiful species, bearing an abundance of pretty, bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. 25 cts. each; 5 for \$1.00.

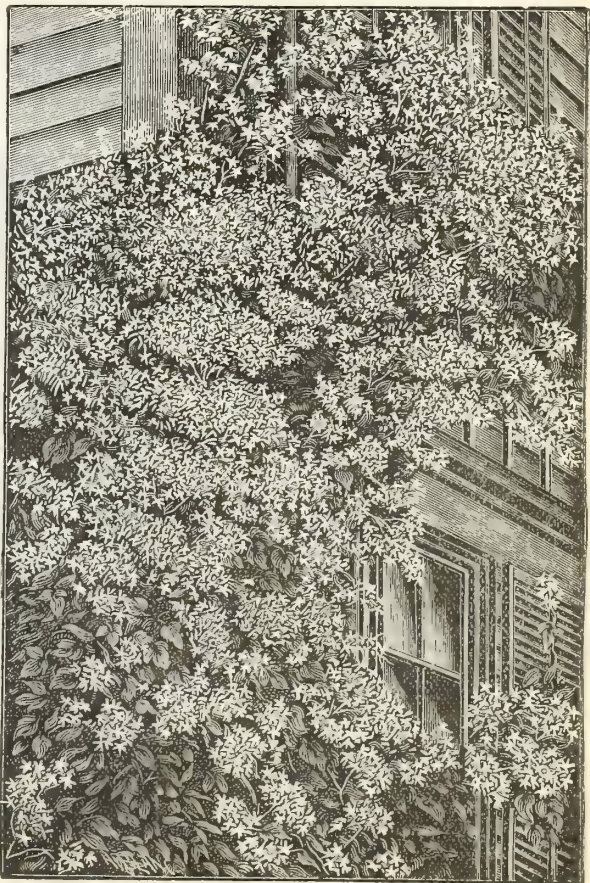
### CLEMATIS FLAMMULA.

(Virgin's Bower.)

A general favorite, where a hardy rapid-growing vine is desired. Its small, bright-green foliage is almost hidden by clusters of small fragrant white flowers. 25 cts. each; 5 for \$1.00.

### CLEMATIS PANICULATA.

A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy foliage, beautiful and fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardihood, serve to make this one of the very choicest of recent introductions. Good strong plants, 25 cts. each; 5 for \$1.00.



CLEMATIS PANICULATA.





HONEYSUCKLE.

**HARDY JASMINES.**

**Jasminum Nudiflorum** (*Yellow Flowering Jasmine*). Producing fragrant yellow flowers; hardy with protection in this latitude. 25 cts.

— **Officinale** (*White Flowering Jasmine*). Pure white, fragrant; hardy with protection in this latitude. 25 cts.

**MENISPERMUM** (*Moon Seed*). A curious twining, slender vine with small yellow flowers and black berries. Fine for rocky places. 25 cts. each; 5 for \$1.00.

**HARDY ENGLISH IVY.**

This is the variety used for covering walls, etc.; invaluable on account of its remaining evergreen all the year, and on this account has become very popular for covering graves in cemeteries. Large plants 25 cts. each; \$2.50 per doz.

**PASSIFLORA.**

(Passion Flowers.)

**Passiflora Constance Elliot**. The flowers are pure white excepting a very slight coloring at the base.

— **Cerulea**. Bright blue; very fragrant.  
— **Incarnata**. A lovely shade of blue, white centre; one of the very best.  
25 cts. each; \$2.50 per doz.

**PERIPLOCA GRÆCA.**

(Silk Vine.)

An exceedingly rapid grower, reaching up to a great height, with shining, long, narrow leaves, and clusters of purplish brown blossoms. 25 cts. each; 5 for \$1.00.

**CHINESE WISTARIA.**

One of the best of all hardy climbers. When given a sunny situation and liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

**Wistaria Sinensis**. The favorite variety, producing thousands of pendulous clusters of delicate violet blue blossoms, richly perfumed. 30 to 50 cts.

— **Sinensis Alba**. Of similar habit to *Sinensis*, with pure white flowers; a lovely climber. 50 cts.

— **Multijuga, fl. pl.** A handsome double-flowering variety, with lilac and blue flowers. \$1.00.

**HONEYSUCKLES.**

Plants that should be in every garden, as they thrive with little care and throughout the season scent the air with their fragrance.

**Chinese Evergreen** (*Woodbine*). Red, yellow and white variegated flowers; very fragrant.

**Halliana**. Flowers pure white, turning to yellow; fragrant; hardy evergreen; flowers freely.

**Heckrothi**. Deep red flowers with yellow throat; in bloom the entire season.

**Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower beds.

25 to 50 cts. each; \$2.50 to \$5.00 per doz.

**HOP—Humulus Lupulus.**

One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 50 cts. per doz.; 60 cts. postpaid; \$2.50 per 100.

**IPOMEA PANDURATA.****HARDY WHITE  
MOON-FLOWER.**

(White Fringed Ipomea.)

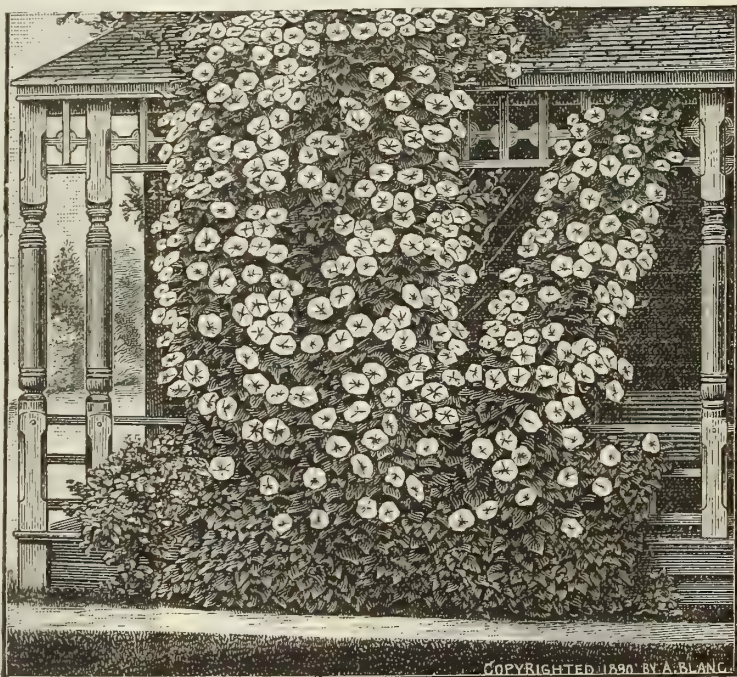
This is one of the most rapid growing vines in cultivation, having a large tuberous root that is perfectly hardy. A root three or four years planted will send up quite a number of strong shoots, that climb rapidly to a height of 30 to 40 feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, densely covered from early summer to late autumn with its large, deep green, heart-shaped leaves, which overlap each other, forming a dense screen.

The flowers, which are very large, are a pure satiny white, with a pinkish purple throat, shading off deeper in the tube. 10 cts. each; 12 for \$1.00.

**Lathyrus Latifolius Alba.**

(White Perennial Pea.)

A most desirable plant of semi-climbing habit, growing about four feet high; producing its pure white flowers the entire summer. 30 cts. each; 4 for \$1.00



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HARDY MOON FLOWER.



# HARDY SHRUBS.

First quality, 30 cts. each, except where noted; \$3.00 per dozen; \$20.00 per 100.

## NEW HARDY GENISTA.

(*Genista Andreana*.)

A most desirable shrub either for planting in the open border or for growing on in pots as a decorative spring-flowering plant, like the well-known *Genista Fragens* and *Racemosa* that are grown so extensively for Easter decorations; but unlike these varieties, which are entirely yellow, the flowers of this new variety, which are nearly four times as large, are produced in large terminal racemes, the lower lip being of a bright yellow, while the upper one is of a rich brownish crimson; a combination of color entirely distinct and pleasing.

The plant is of elegant habit, with dark-green stems and foliage, and is said to be hardy south of New York.

We offer good strong plants at 50 cts. each.

**Andromeda Mariana.** One of the finest of our native shrubs; the individual flowers are long and tubular, borne in large branches. They are of a peculiar waxy-white that is very pleasing; the wood and foliage are both peculiar, and in autumn the leaves turn a deep red, and remain on until severe weather.

**Azalea Ghent.** A magnificent class of hardy flowering plants, bearing large trusses of lovely, fragrant flowers. Their diversity of color and form should render them, even to a greater extent than at present, leading shrubs for out-door purposes. Very dry situations are not suitable for this class. The soil should be prepared as per instructions for *Rhododendrons*. The collection offered is from the best European sources. \$1.00 each; 75 cts. each; \$7.50 per dozen.

**Althea, or Rose of Sharon** (*Hibiscus Syriacus*). Strong, erect-growing shrubs of the easiest culture, which bear large and showy flowers in early fall.

**Double Rose. Double White. Double Purple.**

**Variegated Leaved.** Leaves conspicuously marked.

The Altheas are very desirable on account of flowering in August and September, when few other shrubs are in bloom.

**Barberry, Purple** (*Berberis vulgaris purpurea*). Violet colored foliage and fruit; very effective.

**Burning Bush** (*Euonymus Europæus*). Pods covered with scarlet seed during autumn and winter.

**Calycanthus, Sweet Shrub** (*Calycanthus Floridus*). Flowers fragrant, like strawberries; double and of a chocolate color.

**Clethra Alnifolia** (*Sweet Pepper Bush*). A very desirable dense-growing shrub, with dark-green foliage and showy upright spikes of creamy white, intensely fragrant flowers, continuing in bloom a long time. The season of bloom is later than most shrubs, which is a valuable feature.

**Deutzia Crenata.** Bears a profusion of pink and white flowers; very pretty.

— **Crenata flore plena** (*Double-flowering Deutzia*). Flowers double white, tinged with pink. One of the most desirable flowering shrubs in cultivation.

**Deutzia Fortunei.** Large, pure white single flowers.

— **Gracilis.** A dwarf bush, covered with spikes of pure white flowers in early summer.

**Dogwood, Red Twigged** (*Cornus sanguinea*). A strong growing bush, with crimson colored branches, making it an attractive object in winter.

**Exochorda grandiflora.** Finely shaped shrub, with a profusion of the most lovely pure white flowers; blooms in the spring. 50 cts.

**Forsythia, Golden Bell** (*F. viridissima*). Bears bright yellow flowers before the leaves appear.

**Fringe, Purple or Smoke Tree** (*Rhus cotinus*). Has very curious bloom, which when covered with dew resembles a cloud of smoke or mist. 50 cts.

— **White** (*Chionanthus Virginica*). The bloom is very much like white fringe; one of the most pleasing ornaments for the lawn. 50 cts.

**Globe Flower** (*Kerria, or Corchorus Japonica*). Small shrubs, with abundant yellow flowers in early summer.

**Hydrangea paniculata grandiflora.** The flowers are borne in dense pyramidal panicles; are white when they first open, but gradually change to rose color, and remain in good condition for weeks. 25 cts. to \$1.00.

**Japan Quince** (*Pyrus Japonica*). A very showy and popular shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge.

**Judas Tree, or Japan Red Bud** (*C. Japonica*). The flowers are a brilliant rose color, and borne in profusion. 3 to 5 feet. \$1 00 to \$1.50.

**Laburnum** (*Cytisus laburnum*). Long racemes of golden yellow flowers. In bloom June to July.

**Lilac, Common** (*Syringa vulgaris*). The common purple species, and one of the best.

— **Common White** (*S. vulgaris alba*). Flowers pure white; very fragrant; beautiful.

**Lonicera Tartarica.** White Tartarian Honeysuckle. Fragrant pink and white flowers; upright growing.

**Magnolia purpurea.** Dwarf; flowers bright purple; very profuse. 3 to 5 feet. 60 cts.

**Mock Orange, or Syringa** (*Philadelphus*). Fragrant pure white flowers.

— **Large Flowered** (*P. grandiflora*). Showy; large flowers; slightly fragrant.

**Privet, California** (*L. ovalifolium*). Nearly evergreen. Bears white flowers in the early summer; one of the best hedge plants.

**Spiraea Billardii.** A strong-growing, pink-flowered, late-blooming species.

— **callosa alba.** Low, dwarf growth; white.

— **callosa rubra.** Low, dwarf growth; red flowers.

## ITEA VIRGINICA.

One of the prettiest of our native shrubs, and yet but little known. It grows from 4 to 6 feet high, and produces numerous racemes of pure white flowers during June, which have a delicious fragrance not unlike the ordinary Pond Lily. The foliage and stem turn to a beautiful red during the autumn. This is one of the very best hardy shrubs, growing naturally into a compact and symmetrical shape, and blooming so freely as to appear to be covered with snow. It will succeed in any position. 30 cts. each; 4 for \$1.00.

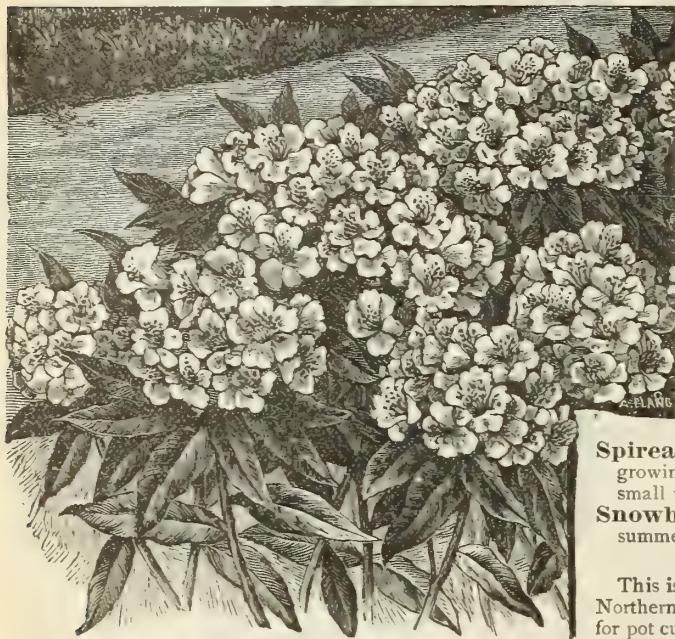


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GENISTA ANDREANA.



**HARDY FLOWERING SHRUBS—Continued.**

First quality, 30 cts. each, except where noted: \$3.00 per doz.; \$20.00 per 100.



RHODODENDRONS.

**Staphylea Colchica.** A most desirable hardy shrub, of strong erect habit, growing from 3 to 5 feet high, and producing large white flowers in nodding terminal racemes during May. Strong flowering plants. 50 cts.

**Tamarisk** (*Tamarix tetandra*). Feathery foliage, small, fringed, light pink flowers.

**Viburnum Snowball** (*Viburnum opulus sterilis*). Snowy white, borne in large balls in early summer.

**Weigela candida.** Pure white. This is the best white Weigela.

**Weigela Desboisii.** Beautiful deep rose colored flowers.

**Weigela rosea.** Fine colored flowers; one of the best.

**Weigela rosea nana variegata.** One of the most conspicuous shrubs that we cultivate; leaves beautifully margined creamy white; flowers pink.

**JAPAN SNOWBALL.**

(Viburnum plicatum.)

This is one of the most valuable of our hardy shrubs. Foliage olive green through summer, but towards fall it turns much darker and remains on the plant for some time after the first frosts. Flowers, though hardly as large as the old variety, are much more numerous. The leaves are in pairs along the stem, and from the base of each leaf a ball of flowers appears. There are often as many as ten pairs of these, or twenty balls, on a branch 18 inches long. These balls, as they expand, all face upward, so that a full view of their great beauty is always to be had.



VIBURNUM PLICATUM (JAPAN SNOWBALL).

	EACH.	DOZ.
1st size,	\$1.00	\$10.00
2d "	.75	7.50
3d "	.50	5.00

**Rhododendrons.**

The Rhododendron is one of the most valuable of our hardy decorative plants.

They require only a good garden soil, which should be dug at least two feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during summer, and protect with leaves or brush during the first winter. We offer a choice collection of plants from 12 to 24 inches high, bushy and well established, ranging in color from the purest white through all the shades of rose, pink, purple and crimson. All the plants we offer are finely set with buds.

12 to 15 inches high, 75 cts. each; \$7.50 per dozen; \$60.00 per 100. 15 to 18 inches high, \$1.00 each; \$10.00 per dozen. 18 to 24 inches high, \$1.50 each; \$15.00 per dozen; \$100.00 per 100.

**Spirea prunifolia** (*Bridal Wreath*). Flowers double, white and abundant; early blooming.

**Spirea Thunbergii.** One of the most charming of all low-growing shrubs, with fine, delicate foliage and a profusion of small white flowers in spring.

**Snowberry** (*Symphoricarpos racemosus*). Pink flowers in summer; large white, waxy berries in autumn.

**TRIFOLIATE ORANGE.**

This is the most hardy of the Orange family, and will stand our Northern climate with little or no protection, and is also desirable for pot culture. It is dwarf, of a low, shrubby growth, with beautiful trifoliate, glossy green leaves, and abundance of large, white, sweet scented blossoms. 25 cts. each; 6 for \$1.00.



TRIFOLIATE ORANGE.

**ELEAGNUS LONGIPES.**

A new and very desirable, nearly evergreen shrub, holding its leaves until late in winter; the branches are thickly studded with tiny brown dots or scales, giving a *rusty* appearance, contrasting strikingly with the light hue of the foliage, which is silvered on the under surface with little white scales. The abundant crop of orange colored fruit, dotted with small ferruginous specks, is a very attractive feature during the summer. 25 cts.

**JAPANESE RASPBERRY, OR WINEBERRY.**

This interesting plant belongs to the Raspberry family. The fruit is borne in large clusters, and each berry is at first tightly enveloped by the large calyx, forming a sort of burr, which is also covered with purplish-red hairs so thickly as to present the appearance of moss rose buds. These gradually open and turn back, exposing the fruit in all its beauty. A bush in full fruiting is a decided ornament to the garden. For jelly-making, canning and preserving it is without an equal. Plants, 15 cts. each; \$1.00 per doz. Seed per pkt., 10 cts.

**HEDGE PLANTS.**

	PER 100.	PER 1000.
<b>Osage Orange.</b> Strong 2-year-old plants	\$1.00	\$7.50
<b>California Privet.</b> 1 foot to 1½ feet high	6.00	45.00
" " 1½ feet to 2 feet high	7.50	60.00
<b>Pyrus Japonica.</b> 1 foot to 1½ feet high	8.00	75.00



# SMALL FRUITS.

## Strawberries.

The plants offered in this list are all extra strong layers, which are far superior to ordinary layers offered at much lower prices. Pot-grown plants will be ready for delivery after August 1st. Prices for pot-grown plants are from \$3.00 to \$4.00 per 100, according to variety. Descriptive Strawberry Circular mailed on application. All varieties offered in this list have perfect or bi-sexual blossoms, except those marked (P), which are destitute of stamens, and are termed pistillate or imperfect flowering varieties, and must be planted near some perfect flowering sort, or they will produce little or no fruit.

### EXTRA EARLY FRUITING VARIETIES.

Per doz. Per 100. Per 1000.

<b>Clarke's Seedling</b> .....	25c.	\$1.00	\$5.00
<b>Greenville</b> .....	30c.	1.50	6.00
<b>Haverland (P)</b> .....	25c.	1.00	5.00
<b>Michel's Early</b> .....	25c.	1.00	5.00
<b>May King</b> .....	25c.	1.00	5.00
<b>Southard</b> .....	25c.	1.00	5.00

### MID-SEASON.

<b>Bubach (P)</b> .....	25c.	1.00	5.00
<b>Chas. Downing</b> .....	25c.	1.00	5.00
<b>Eureka</b> .....	25c.	1.00	5.00
<b>Middlefield (P)</b> .....	25c.	1.00	5.00
<b>Miner</b> .....	25c.	1.00	5.00
<b>Parker Earle</b> .....	30c.	1.50	6.00
<b>Sharpless</b> .....	25c.	1.00	5.00

### LATEST.

<b>Cumberland Triumph</b>	25c.	1.00	5.00
<b>Gandy</b> .....	25c.	1.00	5.00
<b>Kentucky</b> .....	25c.	1.00	5.00
<b>Yale</b> .....	25c.	1.00	5.00

## NEW VARIETIES.

**Timbrell.** This is one of the most valuable of all the new varieties. Berries are large to very large, dark crimson and very firm. Leading fruit growers are looking to the Timbrell as the one very late market berry. 75 cts. per dozen; \$3.00 per 100.

**Marshall.** Three thousand baskets of berries picked on one-third of an acre last year. The berries are of very large size, fourteen filling a basket. Color, very dark crimson throughout; fine flavor and fine grain and a good keeper. \$1.00 per dozen; \$5.00 per 100.

**The Brandywine.** A new variety of great merit, fruit of immense size, with large heavy foliage and perfect flowers and very late. \$1.00 per dozen; \$5.00 per 100.

**The Banquet.** Berries of medium size, measuring about one-and-a-half inches in diameter, of uniform conical shape, ripening up well without green ends, of a rich, crimson color; in season it is about medium. 75 cts. per dozen; \$3.00 per 100.

**Van Deman.** An extra early flowering variety; berries a showy glossy scarlet, with yellow seeds, firm and tart. 75 cts. per dozen; \$3.00 per 100.

**Hersey.** This berry possesses all the good qualities desired for home use and the market. Its flower is perfect, fruit of most excellent flavor, having the taste and aroma of the best varieties of the wild strawberry. Form very attractive, color a rich dark red; very uniform in size and easy to hull. \$1.00 per dozen; \$5.00 per 100.

## Currants.

Currants and Gooseberries should be planted on good soil, which must be kept rich and well worked. Trim out the old wood as soon as it begins to decline, and shorten all the young shoots, to keep the bushes in good shape. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

**Black Naples.** Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. 2 years, \$1.50 per doz.; \$8.00 per 100.

**Cherry.** Fruit large, bunch small; deep red; acid. 2 years (very fine), \$1.50 per doz.; \$8.00 per 100.

**Fay's Prolific.** Color rich red; as compared with the Cherry currant, Fay's Prolific is equal in size, better in flavor, contains less acid, and five times as prolific; and from its long, peculiar stem, less expensive to pick. 2 years, \$1.50 per doz.

**La Versailles.** A popular variety, bunch and berries large, bright crimson; fine, vigorous, and productive. 2 years, very fine, \$1.50 per doz.; \$8.00 per 100.

**Red Dutch.** Medium size; in large bunches; the old and well-known Currant of the garden; a profitable market variety. 2 years, \$1.50 per doz.; \$8.00 per 100.

**White Grape.** The best white variety; large, sweet and good; best for the table; a good bearer. 2 years (very fine), \$1.50 per doz.; \$8.00 per 100.





**GOOSEBERRIES.***Treatment same as for Currants.*

2 years, \$1.50 per doz.; \$10.00 per 100.

**Downing.** Large; pale green; soft, juicy, and good for family use.**Houghton's Seedling.** Medium; pale red; vigorous.**Smith's Improved.** Large; pale green; productive bearer; good for family use or for market.**Industry.** This variety, though of English origin, succeeds admirably in the United States, bearing immense crops and free from mildew. It has the peculiar advantage of coming into leaf some time before it flowers; consequently the foliage protects the bloom from destructive spring frosts. It succeeds well under the shade of trees. It has fruited in this country for several years, and has thus far proved unequalled for size, flavor, productiveness and vigorous growth.

25 cts. each; \$2.00 per doz.; \$12.00 per 100.

**BLACKBERRIES.**

Plant in good soil, in rows 5 or 6 feet apart, and 3 or 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

**Erie.** This is a new berry of great promise, on account of ripening its entire crop at once and early. Berries medium or large size, black when ripe, firm, sweet, and of good quality. \$1.00 per doz.; \$3.00 per 100.**Early Harvest.** The berry is of fair size (not large); long form; a splendid shipper and of good quality. Early, hardy and excessively prolific. 75 cts. per doz.; \$3.00 per 100.**Kittatinny.** Large; juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. 75 cts. per doz.; \$3.00 per 100.**Wilson Junior.** Of large size, unsurpassed productiveness, fine flavor, and early. The largest and best early Blackberry yet introduced. 75 cts. per doz.; \$3.00 per 100.**Snyder.** Berries medium, but of excellent quality; hardy; of strong growth and enormously productive; ripens early. 75 cts. per doz.; \$3.00 per 100.**RASPBERRIES.**

Plant in rows 5 to 6 feet apart, 2 to 4 feet apart in the row. Cut the tops off within a few inches of the ground when planted. After the fruiting season, early in the spring, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

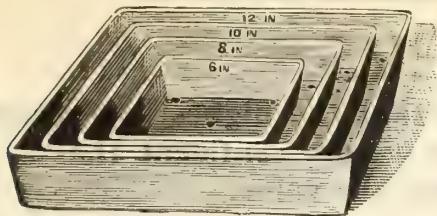
**Brandywine.** Large; bright red; hardy and productive; an old variety, extensively grown for market. 50 cts. per doz.; \$3.00 per 100.**Cuthbert, or Queen of the Market.** Large; firm; deep, rich crimson; of excellent quality; tall, strong and vigorous; perfectly hardy and very productive; succeeds well in almost all localities; ripens medium to late. 50 cts. per doz.; \$3.00 per 100.**RASPBERRIES—Continued.****Doolittle's Improved.** A popular black variety, excellent for market or home use. 50 cts. per doz.; \$3.00 per 100.**Hansell.** Medium; bright crimson; very firm, rich, and of good quality; very early; desirable for market or home culture. 50 cts. per doz.; \$3.00 per 100.**Golden Queen.** Berries large golden yellow, bright and firm, and of fine, rich flavor; vigorous, productive and healthy. \$1.00 per doz.; \$5.00 per 100.**Gregg.** A large black variety; fruit firm, of excellent quality and a good shipper. 75 cts. per doz.; \$3.00 per 100.**Marlboro'.** Of largest size, color a bright crimson, very firm. 50 cts. per doz.; \$3.00 per 100.**Souhegan.** Jet black, of medium size; a strong grower, very hardy and productive; the earliest of the Black Caps. 75 cts. per doz.; \$3.00 per 100.**HARDY GRAPES.****Agawam (Rogers' No. 15).** Large; dark red; sweet.**Bacchus.** An excellent black grape; fine flavor.**Brighton.** Resembles the Catawba, with the richness of the Delaware.**Catawba.** Red, sweet and rich, with pleasant musky flavor.**Champion, or Talman.** Berries large and black.**Clinton.** Small; black, very sweet.**Concord.** The most popular grape, succeeds everywhere.**Delaware.** Light red; sweet, sprightly, fine flavor.**Diana.** Pale red; sweet, rich and aromatic; late.**Duchess.** Medium size; greenish white; flesh tender.**El Dorado.** A very beautiful grape; clear, golden yellow.**Empire State.** White, fine flavored and productive.**Jefferson.** Berries large; light red; juicy, sweet.**Jessica.** White; remarkably early.**Lady Washington.** Beautiful pale yellow.**Iona.** Medium; pale red; sweet and sprightly.**Lindley (Rogers' No. 9).** Large; black, good quality.**Martha (White Concord).** Large; pale yellow.**Merrimac (Rogers' No. 19).** Large; black; juicy, sweet.**Moore's Early.** Large; black, good quality.**Niagara.** Berries large; light greenish white, slightly ambered in the sun.**Pocklington.** Bunch and berry large; golden yellow.**Prentiss.** Berry medium to large; yellowish green.**Salem (Rogers' No. 22).** Large; bright reddish brown; fine.**Telegraph.** Large; black; juicy; sweet, agreeable flavor.**Vergennes.** Chocolate color; ripens early.**White Lady.** Yellowish green, rich and sprightly.**Wilder (Rogers' No. 4).** Bunch and berry large; black.**Worden.** Black; hardy; healthy, of fine quality.**Wyoming.** A fine, early, red grape.

Strong selected 2-year-old vines, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

**FOREIGN GRAPE VINES.****BLACK.****Black Hamburg.** Flesh firm, juicy, and richly flavored; the most useful and popular Grape in cultivation.**Barbarossa.** Bunches very large, a valuable late Grape; requires heat to ripen properly.**Gros Colman.** A very handsome Grape, berries and bunches of enormous size, hangs very late.**Lady Downe's Seedling.** Flesh firm and sweet; one of the best late Grapes, and an excellent keeper.**Black Muscat, or Muscat Hamburg.** An excellent and richly flavored Grape.**Madresfield Court.** Berries very large, of a rich Muscat flavor, a superb Grape.**WHITE AND YELLOW.****Bowood Muscat.** A first-class variety.**Buckland Sweetwater.** A large, handsome berry and bunch, a good bearer, and excellent.**Chasselas de Fontainebleau.** Rich Muscat flavor.**Duchess of Buccleuch.** Very large berries and bunches, tender skin.**Foster's Seedling.** A fine Grape, sweet flavor.**Frontignan White.** Fine white Grape, abundant bearer.**Muscat of Alexandria.** Flesh firm and rich, berries large, a superb variety, requires heat to ripen.**Golden Hamburg.** A fine variety, handsome bunch.**Golden Queen.** Amber, large bunches.

All of the above varieties in strong 1-year-old vines, 75 cts. each; \$7.50 per doz. Strong 2-year-old vines, \$1.50 each; \$15.00 per doz., excepting Bowood Muscat and Muscat of Alexandria, which are, 1-year-old, \$1.50 each; 2-year-old, \$2.00 each. Extra strong fruiting vines of Black Hamburg at \$3.50 each.





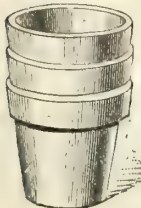
**Square Seed Pans.**

Each.	Dozen.	Each.	Dozen.
6 inch.....20 cts.....	\$2 00	10 inch.....30 cts.....	\$3 00
8 ".....25 ".....	2 40	12 ".....40 ".....	3 75



**Round Lily Pans.**

	Each.	Dozen.
8 in. diam.; 4 in. deep.....	15 cts.	\$1.50
10 " " 5 " ".....	20 " "	2.00
12 " " 6 " ".....	25 " "	2.50
14 " " 7 " ".....	30 " "	3.00
16 " " 8 " ".....	35 " "	3.50
18 " " 9 " ".....	40 " "	4.25



**Standard Flower Pots.**

These pots are all full inside measurement, height and width, which makes them at least one size larger than by the old way of measuring.

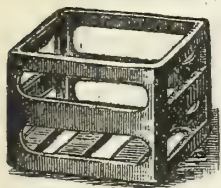
Sizes.	Dozen.	100.	1000.	Sizes.	Dozen.	100.
1 1/4 in....	\$0.08	\$0.50	\$4.00	6 in. ....	\$0.56	\$3.75
1 1/2 "....	.09	.55	4.50	7 ".....	.84	5.60
2 ".....	.10	.60	5.00	8 ".....	1.17	7.80
2 1/2 "....	.11	.70	5.75	9 ".....	2.06	13.75
3 ".....	.12	.80	6.50	10 ".....	2.38	15.95
3 1/2 "....	.18	1.25	9.25	11 ".....	3.28	21.85
4 ".....	.20	1.35	11.00	12 ".....	3.75	25.00
5 ".....	.33	2.25	18.00	14 ".....	5.81	38.75

**Pot Stands or Saucers.**



Size.	Dozen.	Size.	Dozen.
4 inch.....	20 cts.	9 inch.....	.80 "
5 ".....	25 "	10 ".....	\$1.00
6 ".....	30 "	11 ".....	1.20
7 ".....	40 "	12 ".....	1.45
8 ".....	50 "	14 ".....	1.70

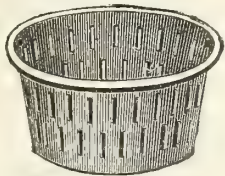
**ORCHID BASKETS (Earthenware).**



	Each.	Dozen.
<b>Square, 4 inch.....</b>	25 cts.	\$2.50
" 6 ".....	30 "	3.00
" 8 ".....	35 "	3.50
<b>Round, 6 ".....</b>	25 "	2.50
" 8 ".....	35 "	3.50
" 10 ".....	45 "	4.50

**ORCHID PANS. Round.**

	Each.	Per Doz.
4 inch.....	\$0.10	\$0.90
6 ".....	.20	1.00
8 ".....	.30	2.50
10 ".....	.40	3.60
12 ".....	.50	4.50
14 ".....	.75	6.75
16 ".....	1.25	11.25



**SQUARE ORCHID BASKETS (Wood).**

6 in., 40 cts. each; 8 in., 50 cts. each; 10 in., 60 cts. each; 12 in., 75 cts. each.

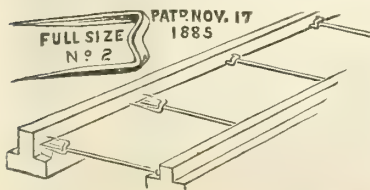
**Jersey Peat, per barrel, \$1.50.**

**Oregon Peat, only for Orchids, 10 cts per lb.**

**Live Sphagnum Moss, for Orchids, \$1.50 per barrel.**

**PERFECT GLAZIERS' POINTS.**

A great improvement in glazing greenhouse or hot-bed sash by using the Perfect Point; the glass will never slip; easily driven. Per box of 1000, 60 cts.; by mail, 75 cts.



Send for descriptive circular.

**Improved White Cedar Tree Tubs.**



Made of white cedar and bound with extra heavy iron hoops. Drop handles of special pattern, serving as hoops for carry poles. Substantial iron legs of original design. Removable perforated bottoms. Painted green. If painted vermilion, add 10 per cent.

**MACHINE MADE.**

**HAND MADE.**

No.	Outside Diam.	Length of Stave.		No.	Outside Diam.	Length of Stave.	
0	27 in.	24 in.	\$6.50	0	27 in.	24 in.	\$5.50
1	25 in.	22 in.	5.50	1	25 in.	22 in.	4.75
2	23 in.	20 in.	4.50	2	23 in.	20 in.	4.00
3	21 in.	18 in.	3.75	3	21 in.	18 in.	3.50
4	18 in.	16 in.	3.25	4	19 1/2 in.	16 in.	3.00
5	16 in.	14 in.	2.75	5	18 in.	14 in.	2.50
6	14 in.	12 in.	2.50	6	16 1/2 in.	13 in.	2.25
7	13 in.	11 in.	2.25	7	15 in.	12 in.	2.00
8	12 in.	10 in.	2.00	8	14 in.	10 in.	1.75

**PLANT STAKES (Painted Green).**

**LIGHT TAPERING.**

**HEAVY DAHLIA.**

	Doz.	100.		Doz.	100.
1 1/2 ft. ....	\$0.15	\$0.80	3 ft. ....	\$0.70	\$4.50
2 ".....	.25	1.50	4 ".....	.85	5.50
2 1/2 "....	.35	2.25	5 ".....	1.00	7.00
3 ".....	.40	3.00	6 ".....	1.25	9.00
3 1/2 "....	.55	3.75			
4 ".....	.70	4.50			
5 ".....	.80	5.50			

Also used for large Rose bushes and other strong growing plants.

**Galvanized Hard Steel Stakes.**

Indispensable for Carnation and Rose Beds.

	100.	1000.		100.	1000.
2 ft. ....	\$0.70	\$6.00	3 1/2 ft. ....	\$1.00	\$9.00
2 1/2 "....	.80	7.00	4 ".....	1.15	10.50
3 ".....	.90	8.00	5 ".....	1.40	12.00

**Unpainted Stakes for Chrysanthemums, etc.**

	100.	1000.
44 inches long, 1/4 inch in diameter.....	\$0.75	\$5.00
44 " " 5/8 " ".....	1.00	6.00
44 " " 3/4 " ".....	1.25	8.00
36 " " 1/2 " ".....	.60	5.00

**Cane Plant Stakes.**

From six to eight feet in length, can be cut to any desired size. Being light and durable they are adapted for supporting Roses, Carnations, etc. Price per 100, \$1.00; per 1000, \$8.00.

**Painted Pot Labels.**



	100.	1000.		100.	1000.
3 1/2 in. ....	.10	\$0.75	6 in. ....	.25	\$1.25
4 ".....	.12	.85	8 ".....	.35	2.50
4 1/2 "....	.15	1.00	10 ".....	.50	4.00
5 ".....	.20	1.10	12 ".....	.75	5.25

**Painted Tree Labels.**

3 1/2 inch, notched or pierced—15 cts. per 100; \$1.00 per 1000.



**Indestructible Copper Labels.**

Made of prepared copper, very thin and pliable; can be written on with a pencil or pointed piece of wood, which indents the copper, leaving a permanent impression. A little white lead, rubbed with the finger on the face of the label before the name is written, will make it more conspicuous.

1. Copper, 20c per doz., gross \$1.50.	Zinc, 15c per doz., gross \$1.30
2. " 25 " " 2.00.	" 20 " " 1.75

**Zinc Tree Labels.**

Small, 60 cts. per 100; medium, \$1.50; large, \$3.00.

**Indelible Ink, for zinc labels. Per bottle, 25 cts.**

**Indelible Marking Pencil, purple. 10 cts. each.**

**Copper Wire, for tree labels. Bunch 10 cts; lb. 50 cts.**



# FERTILIZERS.

We keep but one grade of Fertilizers and that the highest. Procuring our supplies from honorable houses we are confident that our customers will receive full value.

## Pure Ground Bone.



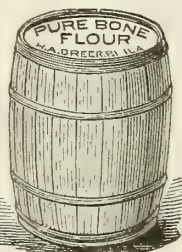
Excellent for restoring and quickening grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 25 lbs., \$1.00; 100 lbs., \$2.25; sack of 200 lbs., \$4.00; per ton, \$35.00.

## Pure Bone Meal.

Ground expressly for our trade. Better than Ground Bone for mixing with potting soil, as it is much finer and in better condition for giving immediate effect. 5 lbs., 25 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lb. sack, \$4.00; per ton, \$35.00.

## Pure Bone Flour.

Ground perfectly fine; an excellent fertilizer for pot plants or beds where an immediate effect is wanted. 5 lbs., 25 cts.; 100 lbs., \$3.00; bbl. of 200 lbs., \$5.00.



## Coarse Bone.

Ground coarse, for grape borders and poultry. 5 lbs., 25 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25; 200 lb. bag, \$4.00; per ton, \$35.00.

## Dreer's Ammoniated Bone Phosphate.

This is the leading ammoniated phosphate. A perfectly pure and high grade phosphate, and the best for general purposes. 5 lbs., 20 cts.; 100 lbs., \$2.00; 200 lb. bag, \$3.50; ton, \$32.00.

## Bowker's Kitchen Garden Fertilizer.

A general kitchen garden manure; may be used on all garden crops, fruits, etc.; easily applied, free from weed seeds, and will give large crops. It has very little odor, and is clean to handle. 5 lbs., 25 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.50.

## Bowker's Ammoniated Food for Flowers.

Made especially for plants grown in the Conservatory, House or Garden; clean, free from offensive odor. Full directions with each bag or package. Package, 25 cts.; by mail, 40 cts.; 5 lb. bag, 50 cts.; 50 lbs., \$3.50.

## Lawn Dressing.

This dressing is prepared so that it acts gradually through the season. It may be applied at any time during the spring or autumn; apply lightly during summer only when it rains. It will restore many lawns to full luxuriance that have been nearly ruined by drought. 5 lbs., 25 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.50.

## Clay's Fertilizer.

This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50.

**Pulverized Sheep Manure.** This is a pure natural manure and the most nutritious food for plants. Its effect is immediate and lasting, it is clean to handle, and one of the best manures to mix with soil for potting plants—one part manure to six parts soil. For use in the vegetable garden it is invaluable. Placed directly in hills or drills, it promotes a rapid, steady growth until maturity. As a lawn top-dressing it is unequalled. 5 lb. package, 25 cts.; 10 lb., 40 cts.; 50 lb., \$1.50; 100 lb., \$2.50.

## Canada Unleached Hardwood Ashes.



Indispensable as a lawn dressing or to apply to orchards. They should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 1000 to 1500 lbs. per acre. 50 lbs., \$1.00; per bbl. (about 250 lbs.), \$3.00; ton, \$20.00.

## Odorless Phosphate.

The results are marvellous on grain and root crops, small fruits, lawn and vegetable garden. Every ton of Odorless Phosphate contains 427 lbs. phosphoric acid, 1110 lbs. phosphate of lime, and 216 lbs. free lime. Price per bag of 200 lbs., \$3.00; per ton, \$22.00.

## Nitrate of Soda.

A Fertilizer for all crops, and is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. It is very quick in action, and hastens maturity of crops fully two weeks. It is valuable for grain, fodder, corn, sugar beets, potatoes, grasses, peas, beans, clover, etc. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 300 lbs. per acre should be sown mixed with wood ashes or land plaster. Will be shipped only in double bags. 50 lbs., \$2.50; 100 lbs., \$4.50; 200 lbs., \$8.00.

## Peruvian Guano (Lobos).

Ten per cent. ammonia. The quantity used per acre is three to four hundred pounds; before using, mix with loam or plaster. It should not be mixed with lime, ashes, muck or clay; nor should it come in contact with growing plants when used in a dry state. 1½ lb. box, 15 cts.; 3 lb. box, 25 cts.; 5 lbs. in a bag, 40 cts.; per 100 lbs., \$4.00; per sack of about 167 lbs., \$6.00; per ton, \$65.00.

**Land Plaster.** Excellent for composting, fertilizing or mixing with guano. 100 lb. bag, \$1.00; barrel, \$1.50; per ton, \$10.00.

**Agricultural Salt.** For top-dressing asparagus beds. Apply very early in spring at the rate of eight to ten hundred pounds per acre. 200 lbs., \$1.50; per ton, \$10.00.

**Kainit.** One of the most useful ingredients for making "Commercial" fertilizers or using alone. Apply at the rate of 1000 lbs. per acre. If used on lawns it should be spread during winter. 100 lbs., \$1.25; 200 lbs., \$2.00; per ton, \$16.00.

**Tobacco Stems.** This has become an indispensable lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles, which harbor in a lawn during winter. Bale of about 250 lbs., \$2.00.

**Excelsior Flour Food.** Just the thing for pot plants. Full directions on each package. 10 cts. per package; 15 cts. postpaid; \$1.00 per doz. by express.

## MAPES' CELEBRATED FERTILIZERS.

	Per bag of 200 lbs.	Per ton of 2,000 lbs.
Potato manure.....	\$4.50	\$43.00
Corn ".....	4.25	41.00
Onion ".....	4.75	44.00
Cabbage and cauliflower manure.....	4.25	40.00
Fruit and vine.....	4.25	40.00
Orange and fruit tree.....	4.25	39.00
Grass and grain spring top dressing.....	4.25	41.00
Complete manure, "A" brand.....	4.00	37.00
" " for general use.....	4.25	40.00
" " for heavy soils.....	4.50	42.00
" " for light soils.....	4.75	44.00
Vegetable " " for all soils.....	4.75	44.00
Early vegetable and truck manure.....	4.75	44.00

Mapes' Descriptive Pamphlet Mailed Free on Application.

Special low rates on Fertilizers by the car-load furnished on application.



# INSECT DESTROYERS.

**Hammond's Slug Shot.** One of the cheapest and best powders for destroying insects. 5 lbs., 25 cts.; 10 lbs., 50 cts. Bags, 100 lbs., \$4.25. Bbls. of 235 lbs. \$8.50. Tin canisters with perforated tops, holding  $\frac{3}{4}$  pint, 25 cts.; by mail, 35 cts. Cartons filled with Slug Shot, 15 cts.; by mail, 25 cts.

**Carbolic Acid Soap.** Kills and drives away all insects that destroy animals and plants. With directions. Per cake, 10 cts.; by mail, 15 cts.

**Flowers of Sulphur.** A preventive and cure for mildew on grape vines, etc. Per lb., 10 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

**Grape Dust.** A preparation for destroying Mildew on Grape Vines. Can also be used on plants or trees affected with Mould, Mildew or Rust Mites, either in greenhouse or the open air. Apply at the first appearance of trouble. Dust on a warm, dry day. 5 lb. pkg., 35 cts. 100 lb. keg, \$5.00.

**Gishurst's Compound.** Used for preventing and destroying Green Fly, Mildew, Thrip, Mealy Bug and Scale. Per box, 50 cts.; by mail, 65 cts.; 3 lb. box, \$1.00; by mail, \$1.40.

**Hellebore, Powdered White.** For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris green and London purple and safer to use when fruits or vegetables are nearly ripe. Price, 25 cts. per lb.; or by mail, 40 cts.

**London Purple.** The proper proportions for using are at the rate of one pound to 150 gallons of water. The best article for spraying apple trees. Lb., 20 cts.; postpaid, 35 cts. 10 lbs., \$1.50; 100 lbs., \$15.00.

**Pinner's Tobacco Soap.** A convenient and potent specific for destroying insects, parasites, and their eggs, infesting either plants or animals. Per lb., 40 cts.; postpaid, 55 cts.

**Rose Brand Sulpho-Tobacco Soap.** A valuable insecticide for Plants, Trees, Sheep, Cattle, Dogs, Horses, Poultry and Domestic use. Dissolve 2 oz. in one gallon of water.  $\frac{1}{2}$  lb. tins, 25 cts.; postpaid, 33 cts.

**Tobacco Dust.** Cheaper than snuff, and quite as effectual. A sure remedy for Green Fly. 1 lb., 10 cts.; 5 lb. package, 25 cts.; 100 lbs., \$3.50.

**Tobacco Stems,** for fumigating. Per bbl., \$1.25; in bales of about 250 lbs., \$2.00.

**Whale Oil Soap.** In 1, 2 and 5 lb. tin cans, with directions, 20, 35 and 50 cts. Bulk, 10 lbs., 85 cts.; 100 lbs., \$7.50.

**Persian Insect Powder.** For destroying Roaches, Ants, Fleas, and all other noxious insects. Per lb., 40 cts.

**Pure Paris Green.** For destroying potato bugs. Directions for use with each package. 25 cts. per lb.; by mail, 40 cts. Prices in large lots on application.

**Powell's Improved Bordeaux Mixture,** for Black Rot, Downy Mildew and Anthracnose of Grapes, Potato Blight, Potato Rot, Leaf Blight of Cherry, Pear, Quince and other Fungus diseases. All ready mixed, only requiring the addition of two gallons of hot water to each pound of mixture. 5 lb. package, 40 cts.; 20 lb. package (50 gallons wash), \$1.00 per package; 50 lb. boxes, per lb., 6 cts.

**Powell's Copperdine (Ammoniacal Solution Carbonate Copper),** for Black Rot, Downy Mildew and Anthracnose of the Grape, Pear Leaf Blight, Pear Scab, Apple Scab and Powdery Mildew. Quart can makes 22 gallons wash, per can, 50 cts.; gallon makes 100 gallons wash, per can, \$1.50.

*In treatment of Fungus Diseases of Grapes and other Fruits the first two sprayings should be made with Bordeaux Mixture and the later sprayings with the Ammoniacal Solution Carbonate Copper, as it does not speck or discolor the Fruits.*

**Little's Antipest.** A sure destroyer of the Scale, Woolly Aphis and insect pests of any and all descriptions. It may be freely used in the conservatory, garden and greenhouse as in the orchard or vineyard. It is non-poisonous and harmless to vegetation when diluted and used according to directions.

$\frac{1}{2}$  Gallon Can ..... for \$1.50  
1 " " ..... " 2.50  
5 " " ..... " 10.00

**Soluble Fir Tree Oil.** For destroying insects and parasites. Full directions with each can.  $\frac{1}{2}$  pt., 50 cts.; pt., 75 cts.; qt., \$1.50;  $\frac{1}{2}$  gallon \$2.75; gallon, \$5.00. Add 25 cts. per pint for postage.

(Our Library) Our Common Insects (Packard), \$1.25.

## KNAPSACK SPRAYERS.



EXCELSIOR.

For applying Bordeaux Mixture and all Liquid Insect Destroyers.

Eureka (copper), holds 6 gallons ..... \$17.00  
Excelsior " " 4 " ..... 12.00  
Myers' (copper), holds 4 gallons ..... 10.00

## THE EUREKA FUMIGATOR.

(Galvanized.)

No. 1. Height 12 in., diam. at top 5 in. For a house 10x20 ft. Holds  $\frac{1}{2}$  peck of stems. \$1.25.

No. 2. Height 16 in., diam. at top 7 in. For a house 12x40 ft. Holds 1 peck of stems. \$1.75.

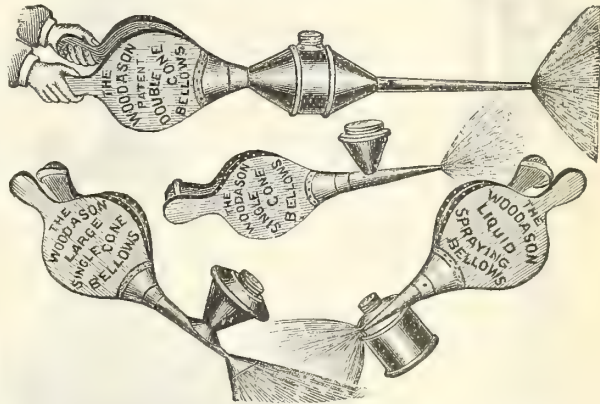
No. 3. Height 20 in., diam. at top 9 in. For a house 15x100 ft. Holds  $\frac{1}{2}$  bush, stems. \$2.25.

No. 4. Height 24 in., diam. at top 12 in. For a house 20x100 ft. Holds  $\frac{3}{4}$  bush, of stems. \$3.25.



The only way to have healthy nursery stock, sound plants, and perfect fruits and vegetables, is to protect them with the right fungicides and insecticides at the proper times.

## IMPLEMENTS FOR APPLYING INSECTICIDES.



Single Cone Bellows. | Double Cone Bellows.  
\$1.00 and \$1.75. | \$2.75.

Spraying Bellows. \$1.00 and \$1.75.



## Paris Green, Slug Shot and Plaster Dusters.

An effectual and cheap duster for dry powders. With handle as figured, either fine or coarse mesh.

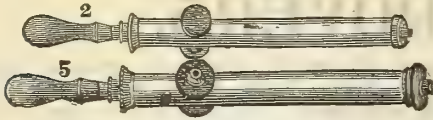
15 cts. each.

With side handle for using with pole.

10 cts. each.



SYRINGES.

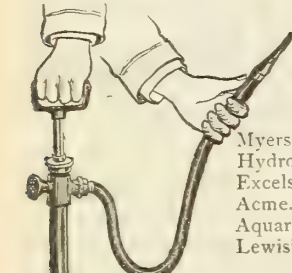


Deakin's Brass Garden Syringes.


No. A.	1 stream and spray rose,	12 x 1 in.,	\$2.00
No. C.	1 " " " "	14½ x 1½ "	3.25
No. 2.	1 " " " "	2 roses, 13½ x 1½ "	4.00
No. 3.	1 " " " "	18 x 1½ "	5.00
No. 5.	1 " " " "	18 x 1½ "	6.00
No. 7.	Knuckle-joint	2 " 18 x 1½ "	8.00
No. G.	1 stream and 1 rose,	16 x 1½ "	4.50
With curved neck to use as a knuckle-joint.			
No. H.	18 in. long, 1½ in. diameter.....		2.00

PUMPS.

For spraying and syringing.



Myers'. Very powerful.....\$4.00  
Hydronette(Fountain). Deakin's 6.50  
Excelsior. " .. 7.00  
Acme. " .. 4.00  
Aquarius. Lift and Force..... 7.00  
Lewis' Combination..... 4.00



HYDRONETTE OR FOUNTAIN.      EXCELSIOR.

Greenhouse Force and Lift Pump.

Fig. 2 will throw a stream 75 feet.


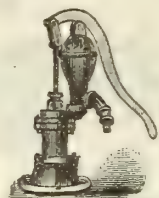


Fig. 0 will throw a stream or spray 40 ft. Very powerful. Arranged for 1-inch suction pipe.

(0) \$6.50.



(2) \$8.00.

Revolving Lawn Sprinklers.

These we consider the very best patterns for the purpose for which they are designed, and also the best in point of wear.

Peck's 3 arm.....	\$4.00
Peck's 4 arm.....	3.50

**Water Witch.** Small revolving lawn and garden sprinklers. Screw to the hose and put the pin in the ground. 65 cts. each; by mail, 90 cents.



Rubber Sprinklers.



TRIANGLE  
ANGULAR SPRINKLER.



Each \$1.00; by mail, \$1.10.  
Small size, 50 cts.; by mail, 55 cts.

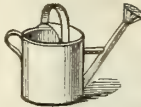
American Heavy Watering Pot.

Painted Green.



4 quart Oval.....	\$1.75	Round, \$1.50
6 " " .....	2.25	" 1.75
8 " " .....	2.75	" 2.25
12 " " .....	3.15	" 2.75
16 " " .....	3.75	" 3.00

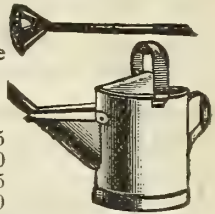
Light Round Watering Pots.



4 quart, painted green.....	\$ .60
6 " " " .....	.75
8 " " " .....	.90
12 " " " .....	1.25

Galvanized Water Pots.

A substantial water pot, and one we can recommend for constant use.

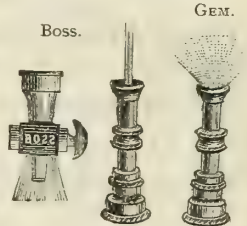


4 quart, Round..	\$1.75	Oval..	\$2.25
6 " " ..	2.00	" ..	2.50
8 " " ..	2.25	" ..	2.50
10 " " ..	2.50	" ..	2.75
12 " " ..	2.75	" ..	3.00

Hose Nozzles.

For throwing either fine or coarse spray, or straight stream.

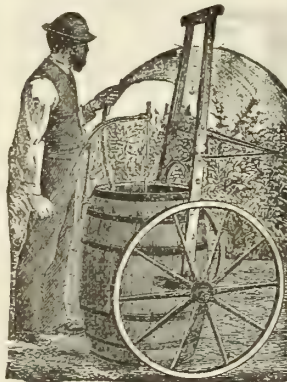
Gem.....	\$0.50
Vermorel, complete....	1.00
Boss (nickel).....	.75



**Tree-Spraying Nozzles** of all kinds—used for spraying Insecticides. A full assortment, ranging from 50 cents to \$1.50.

Water Barrel and Truck. (FIG. 4.)

The barrel is INSTANTLY DETACHED, all WITHOUT HANDLING.



(4)

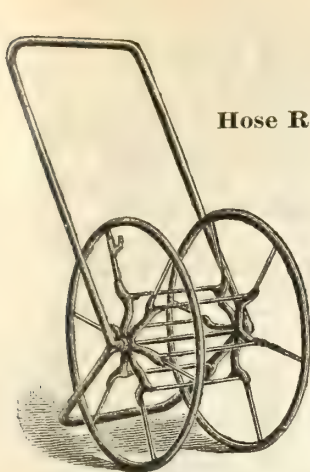
WATER BARREL, TRUCK AND FORCE PUMP.

for washing windows and carriages, spraying trees and shrubbery with insecticides, watering plants, etc. It is all brass, works very easily, and throws a stream 40 feet.

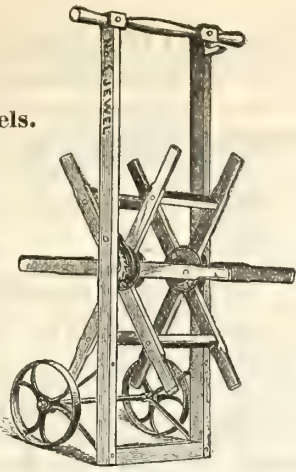
PRICES.

Truck and Barrel, 1½ inch tire .....	\$ 9.00
" " " 2½ " " .....	10.25
" " " 4 " " .....	11.50
Extra Barrel & Trunnions .....	3.00
Extra Trunnions, per pair, .50   Handcart Box.....	3.00
Force Pump Attachment (Fig. 4).....	6.00
Leaf Rack.....	4.50



**Hose Reels.**

WIRT'S ALL IRON REEL.  
No. 10. 100 ft.,  $\frac{3}{4}$  hose, \$3.00.  
" 20. 150 " " " 3.50.  
" 30. 500 " " " 5.00.



JEWEL REEL.  
No. 1. 100 ft.,  $\frac{3}{4}$  hose, \$2.00.  
" 2. 200 " " " 2.50.

**Hose Menders.**

Each. Doz.	Each. Doz.
Woodason, $\frac{3}{4}$ inch... .05 .50	Jones, $\frac{3}{4}$ inch... .05 .50

**Rubber Hose.**

**ARMORED Hose** in 25 and 50 foot lengths,  $\frac{3}{4}$  inch, at 16 cents per foot.

Extra 3-ply  $\frac{3}{4}$  inch Rubber Hose—15 cents per foot.

" 4-ply  $\frac{3}{4}$  inch Rubber Hose—18 cents per foot.

Prices of cheaper grades on application.

**Patent Plant Bed Cloth.**

A cheap substitute for glass and will keep out many degrees of frost. Also useful for shading material. Light grade, 4 cts. per yard; per piece of about 65 yards,  $3\frac{1}{2}$  cts. per yard. Medium grade, 8 cts. per yard; per piece of about 60 yards, 7 cts. per yard.

Heavy grade,  $10\frac{1}{2}$  cts. per yard; per piece of about 50 yards,  $9\frac{1}{2}$  cts. per yard.

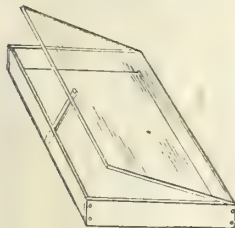
Samples mailed on application.

**Straw Mats**, for covering hot-bed sashes, etc. 3 ft. by 6 ft., 75 cts., \$8.50 per doz.; 6 ft. by 6 ft., \$1.25 each, \$14 per doz.

**House Frames.**

A very useful appliance for raising seeds in the house. We make them in two sizes. No 1. 16 inches long,  $12\frac{1}{2}$  inches wide and 4 inches deep. Without glass, 40 cts. With glass, complete, 50 cts.

No 2. 24 inches long, 12 inches wide and 4 inches deep. Without glass, \$1.00. With glass, complete, \$1.25.

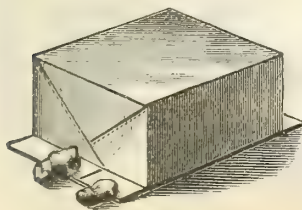
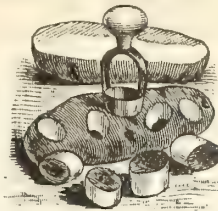
**Hot-bed Sash.**

3 x 6, Unglazed, \$1.00. Glazed, \$2.10.

**Paper Plant****Protector.**

These are decidedly the best and cheapest Plant Protectors we know of; perfectly water-proof; easily applied.

Per doz. 25 cts., \$1.50 per 100.

**The Lightning Eye Cutter.**

15 cts., postpaid.

**Concave Potato Knife.**

25 cts. each, postpaid.

**German Pruning Shears.**

No. 5. Steel blades, coiled steel spring, which cannot drop out.

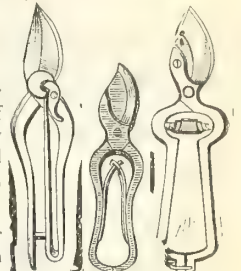
8 inch, 75 cts.; 9 inch, \$1.00.

**Perfection Pruning Shears.**

No. 3. Made entirely of steel, and adapted to light or heavy pruning; requires little labor, and makes a smooth cut. 7 inch, \$2.25; 8 inch, \$2.50; 9 inch, \$2.75.

**English Rose Pruning Shears.**

No. 4. Wrought iron handles, steel blade and spring. A good tool. \$1.50.



No. 3. No. 4. No. 5.



WATERS  
IMPROVED  
TREE PRUNER.



LEE'S TREE  
PRUNER.

**Waters' Improved Tree Pruner.**

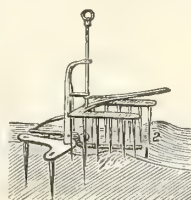
The hook encircles the limb. The blade, being supported on both sides, enables it to be made very thin, making an easier and smoother cut; the blade is connected by a rod and pole

from 4 to 12 feet long. Extra cutting blade by mail, 30 cents.  
4 feet pole... 75 cts. | 8 feet pole... \$1.00 | 12 feet pole... \$1.50  
6 " " ... 85 " | 10 " " ... 1.25

**Lee's New Pole Tree Pruner.** Hook and blade same as the Waters. Can be placed on a pole of any length; is made entirely of wrought iron and steel, reliable in every respect, \$1.25. Extra blade by mail, 30 cts.

**Disston's Little Giant Pruner.** \$1.25.

" " " " and Saw. \$2.00.



PERFECTION.

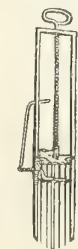
**Perfection Mole Trap.**

Considered by many the most perfect trap on the market. Seldom fails to catch the mole. \$2.00 each.

**English.** Made entirely of wrought iron, 30 cts. By mail, 40 cts.



ENGLISH.



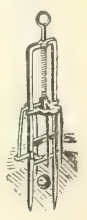
HALE'S.

**Olmsted's****Improved Mole Trap.**

Operated either by spring or weight, or both. \$1.50.

**Hale's Mole Trap.**

One of the best traps, and has given universal satisfaction. \$2.00.



OLMSTED'S.

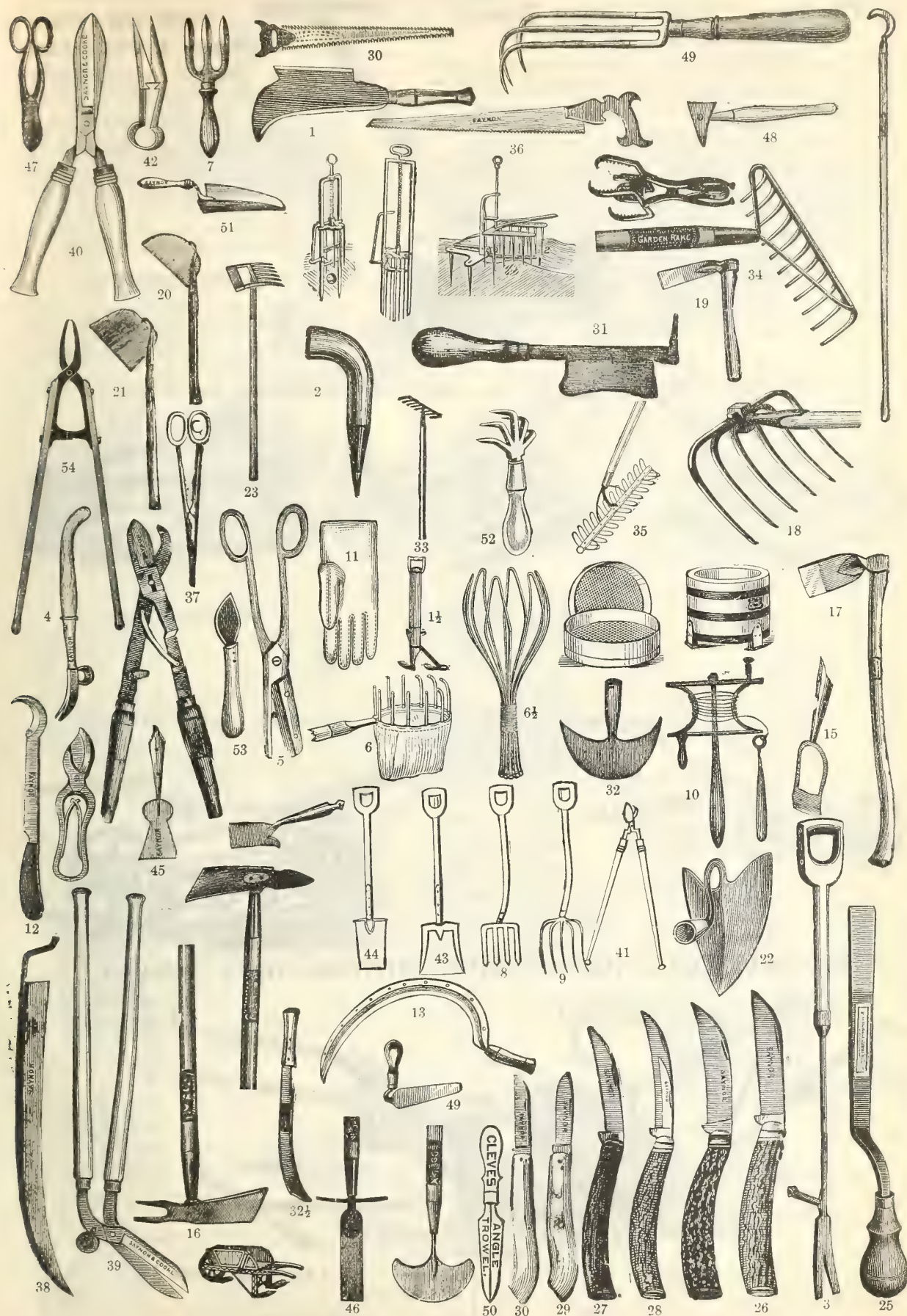


## GARDEN AND FARM IMPLEMENTS,

Of leading English and American manufacture, made from best material and newest patterns.

	EACH.		EACH.
<b>Axe</b> , handled, medium.....	\$1.00	<b>Rakes</b> , Solid Steel Garden, 6 teeth, 25 cts.; 8 teeth, 30 cts.; 10 teeth, 35 cts.; 12 teeth, 40 cts.; 14 teeth, 50 cts.; 16 teeth.....	\$0.60
“ “ small.....	.85	“(34) Bow, 9 teeth, 30 cts.; 11 teeth, 40 cts.; 13 teeth, 50 cts.; 15 teeth.....	.60
<b>(1) Bill Hook</b> .....	1.25	“(35) Gem Lawn.....	.50
<b>Brush Hook</b> , handled.....	1.50	<b>Rakes, Wooden Lawn.</b> These we consider the best patterns, or the most useful Lawn Rakes.	
<b>(1½) Corn Planter</b> , automatic.....	1.50	“Lawn King, 22 teeth, 40 cts.; 26 teeth.....	.50
<b>(2) Dibble</b> , improved, iron point.....	.35	“Automatic, 22 teeth, 60 cts.; 26 teeth.....	.70
“ “ brass.....	.50	“Philadelphia, 50 teeth.....	1.00
<b>(3) Dock Extractor</b> , or Lifter.....	2.00	“Hay, wooden, 11 teeth.....	.25
<b>(4) English Dock and Weed Lifter</b> .....	1.25	“Lawn, wooden, 14 teeth.....	.30
“ “ “ <b>Plantain Lifter</b> , for hand.....	.50 cts. and .75	<b>Rattan Brooms.</b> For walks or stables.....	.75
<b>(5) Fruit and Flower Gatherer</b> , English, small, \$1; medium, \$1.20; large.....	2.00	<b>Cocoa Brooms.</b> 9 in., 50 cts.; 12 in.....	.60
<b>Fruit and Flower Gatherer</b> , American, plain, 85 cts.; Nickel.....	1.00	<b>Saws (36).</b> Pruning, Disston, 14 in., 75 cts.; 16 in., 85 cts.; 18 in., \$1; 20 in., \$1.15; 24 in.....	1.25
<b>(6) Fruit Picker</b> , Crider's Adjustable.....	.75	“(30) Lightning, double cutting, Avery, 16 in., 65 cts.; 18 in., 75 cts.; 20 in., 85 cts.; 22 in.....	1.00
<b>(6½) “ “ wire.....</b>	.50	<b>Scissors (47).</b> Bow Handle Pruning. 4 in., 85 cts.; 5 in., \$1; 6 in., \$1.25; 7 in.....	1.50
<b>Floral Sets</b> , or Garden Tools, for ladies and children, 35 cts., 50 cts., and 75 cts. Large Strong Floral Sets, in boxes.....	1.50	“(37) For thinning Grapes. 6 in., \$1; 7 in., \$1.25; 8 in.....	1.50
<b>(7) Forks</b> , Hand weeding, English blue.....	.50 cts. .75	<b>(38) Scythes</b> , English Lawn, riveted back. 30 in., \$1.00; 34 in., \$1.15; 36 in., \$1.25; 38 in.....	1.40
“ “ American. No. 1. 20 cts. No. 2 30 cts.....	.75	“American, of best steel.....	.75
<b>(8) “ “ Digging, or spading, 4 prong.....</b>	1.00	“Bush or Brier.....	.50 cts. and .75
“ “ “ “ 5 “.....	.60	<b>Scythe Stones.</b> Darby, 10 cts.; Talacre.....	.15
“ “ Manure, long handle, 4 tine, heavy.....	.60	<b>Rifles, 10 cts. Snaths.</b> The best pattern.....	.60
“ “ Manure, D “ 4 “ medium.....	.60	<b>Shears</b> , Grass Border, 8 in. blade, \$2.00; 10 in.....	2.50
“ “ Manure, D “ 4 “ heavy.....	.75	“(39) Grass Border, with wheel, 8 inch blade, \$2.50; 10 in.....	3.00
<b>(9) “ “ Manure, D “ 5 “ medium.....</b>	.80	“Grass Border, 2 wheels, 8 in. blade, for cutting on narrow borders under fences and shrubs.....	2.50
“ “ Hay and Straw, long handle, 3 tine, medium, 50 cts.; 2 tine, medium.....	.40	“(40) Hedge, English, with notch, 8 in., \$1.50; 9 in., \$1.75; 10 in.....	2.00
<b>(10) Garden Reels</b> , Iron, painted.....	.85 cts. and 1.00	“Hedge, German, with notch, 7 in., \$1.75; 9 in., \$2.25; 10 in., \$2.50; 12 in.....	3.00
“ “ Extra heavy, galvanized. Single.....	1.25	“(41) Lopping, Saynor. Very powerful. 4 sizes. \$2.25 to 4.50	
“ “ “ “ Double.....	2.25	“(42) Sheep, English. For grass, 6 in., 85 cts.; 7½ in., 1.15	
<b>Garden Lines</b> , best Italian flax, 60 ft., 30 cts.; 90 ft., 45 cts.; 120 ft., 60 cts.; 150 ft., heavy, 75 cts.; extra quality, 300 ft.....	1.75	“Sheep, English, with inside spring, 7½ in.....	1.25
<b>(11) Gloves</b> , Pruning. Per pair.....	.75 cts. and 1.00	“Sheep, American, 7 in. blade.....	.75
<b>(12) Gooseberry Pruner</b> , for thorny bushes.....	1.00	<b>Shovels</b> , Round Point, polished, No. 2, D handle.....	.75
<b>(13) Grass Hooks</b> , or Sickles, English. Riveted back. No. 0, 50 cts.; No. 1, 60 cts.; No. 2, 70 cts.; No. 3.....	.75	“(43) Square Point, polished, No. 2.....	.75
<b>(14) Grass Hooks</b> , American. Plain back, No. 2, 40 cts.; No. 3.....	.50	“Long handle, Round Point, No. 2.....	.75 cts. and 1.00
<b>Grass Hooks</b> , Dutch steel, 2 sizes.....	.40 cts. and .50	<b>Spades (44).</b> Ames', polished, No. 1, \$1; No. 2, \$1.15; No. 3.....	1.25
<b>Hoe</b> , Celery, 14 inch.....	2.00	“Polished, No. 1.....	.75
“(15) Dutch, or Scuffle, 4 in., 40 cts.; 5 in., 50 cts.; 6 in., 60 cts.; 7 in., 65 cts.; 8 in., 70 cts.; 9 in., 80 cts.; 10 in.....	.90	“Polished, No. 2.....	.85
“Garden, with sharp point.....	.30	“Polished, No. 3.....	1.00
“(16) Garden, 2 prongs.....	.30	“Griffith's, nursery, No. 2, full strapped.....	1.15
“(17) Grubbing.....	1.00	<b>(46) Spuds</b> , Long Handle, for thistles and docks.....	.50
“(18) Hexamer's Improved, 6 prong.....	1.25	“ “ “ “ with foot rest.....	.75
“(19) Tomato, for transplanting tomatoes.....	.50	<b>(45) “ “ for thistles and docks</b> , English, 35 cts., 50 cts. and	.75
“(20) Half Moon, solid socket, 3 in., 30 cts.; 4 in., 35 cts.; 5 in., 40 cts.; 6 in., 45 cts.; 7 in., 50 cts.; 8 in.....	.60	<b>Thermometers</b> , Tin, Japanned, 8 in., 20 cts.; 10 in.....	.25
“(21) Square, solid socket, 6 in., 50 cts.; 7 in., 60 cts.; 8 in.....	.70	“Boxwood, white or black.....	.12 inch .25
“(22) Warren, 3 sizes.....	.45 cts., 60 cts. and .75	“Hot-bed or Dairy, glass floating.....	.25 cts. and .35
“(23) Weeding Hoe and Rake, 4 teeth, 50 cts.; 6 teeth Trowel-shaped.....	.50	“Mushroom Bed, or Hot-Bed, with brass end.....	1.50
“ <b>Knife</b> , Asparagus, 14 in. long, with saw, English.....	1.50	“Transparent, for windows. Small, \$1; large.....	1.50
<b>(25) “ “ “ “ plain, American.....</b>	.30	“Self-Registering, maximum and minimum.....	3.00
<b>Knives (26)</b> , Saynor's Pruning. The best, \$1.25; (27) \$1; (28).....	1.50	<b>Tree Scrapers (48)</b> , Short Handle.....	.50
“Pruning, other makes.....	.65 cts., 75 cts. and 1.00	<b>Trowels</b> , American Garden, polished, 5 in., 12 cts.; 6 in., 15 cts.; 7 in., 20 cts.; 8 in.....	.25
“(29 and 30) Saynor's Budding.....	1.00	“(49) Transplanting.....	.50
“Budding, other makes.....	.75 cts., \$1. and 1.25	“(50) Cleves Angle, 3 sizes.....	.15, 20, .25
“Pruning and budding combined.....	.75	“(51) English Garden, polished, will outlast several of the American. 6 in., \$1; 7 in., \$1.10; 8 in.....	1.20
“(31) Grafting, 75 cts.; small.....	.50	“American (English pattern). Disston. 6 in., 50 cts.; 7 in.....	.60
“(32) Grass Edging, 8 in., \$1; 9 in.....	1.25	<b>Weeders (52)</b> , Excelsior. Postpaid.....	.15
“(32½) Corn, for cutting stalks.....	.50 cts. and .75	“(49) Eureka. Postpaid, 30 cts.....	.25
“Mattock, with handle.....	1.00	“Lang's. Postpaid, 30 cts.....	.25
<b>Pick</b> , Railroad, handled, Steel.....	1.00	<b>Weeding (53) Spoon.</b> Postpaid, 30 cts.....	.25
<b>Rakes (33)</b> , Solid Steel Garden or Gravel, short teeth, 14 teeth, 50 cts.; 16 teeth, 60 cts.; 18 teeth.....	.70	<b>Weeding (54) Tongs</b> , Ricketson's, for removing docks, daisies, etc., from lawns.....	1.50







The New “Dreer” Lawn Mower.

No Sharpening! No Setting!

We have accomplished new features in this mower long sought for, viz.:

1. The application of two heavy spiral springs to the cylinder bearings, making it positively self-sharpening.

2. Owing to construction, it will run a whole season without any change in adjustment screws.

3. This mower is adjusted by the cylinder only by two set screws, the cutter bar being stationary.

4. The cylinder can be removed without taking the frame apart, which is a point never before accomplished.

Size.	Net Price.	With Grass Catcher.
10 inch cut.	\$3.50	\$4.50
12 “ “	4.00	5.15
14 “ “	4.50	5.70
16 “ “	5.00	6.25



THE BRAUN

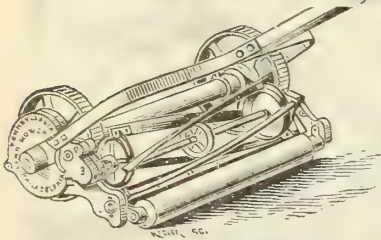
GRASS CATCHER.

This Grass Catcher will fit any style of hand mower that we sell. It is the most perfect Catcher on the market, being made with galvanized iron bottom that will not sag and drag on ground when fitted; can be adjusted in a moment and dumped quickly. For Low Wheel, 10 in., \$1.05; 12 in., \$1.15; 14 in., \$1.20; 16 in., \$1.30; 18 in., \$1.35. For High Wheel, 15 in., \$1.30; 17 in., \$1.35; 19 in., \$1.40; 21 in., \$1.50. Continental and Pennsylvania Pony Mower, \$1.85.

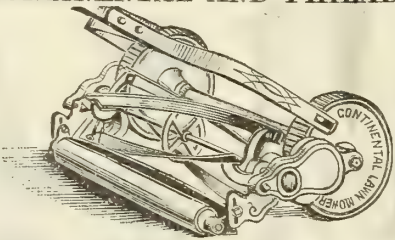
HORSE BOOTS.

For use on Lawn. They are made of strong leather, fastened with copper rivets, and will wear a long time. Per set of 4 riveted heavy flat soles, \$8.00. Riveted, round soles, \$9.00.

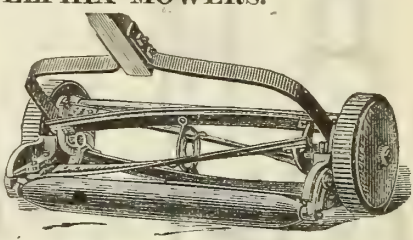
PENNSYLVANIA, CONTINENTAL AND PHILADELPHIA MOWERS.



PENNSYLVANIA LOW WHEEL.



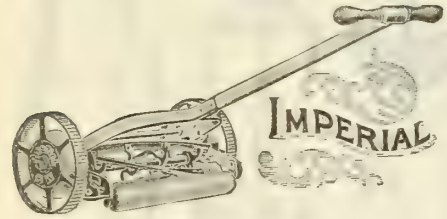
CONTINENTAL LOW WHEEL.



PHILADELPHIA.

Continental and Pennsylvania.

LOW WHEEL.			HIGH WHEEL.			Philadelphia Mower.		
10 inch	\$5.25	15 inch	\$10.00	10 inch	\$4.50			
12 "	6.00	17 "	11.25	12 "	5.00			
14 "	7.00	19 "	12.40	14 "	5.50			
16 "	8.00	21 "	13.60	16 "	6.25			
18 "	9.00			18 "	7.00			

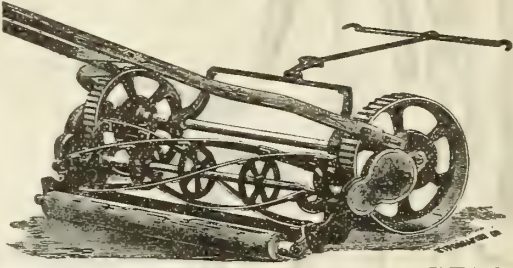


IMPERIAL.

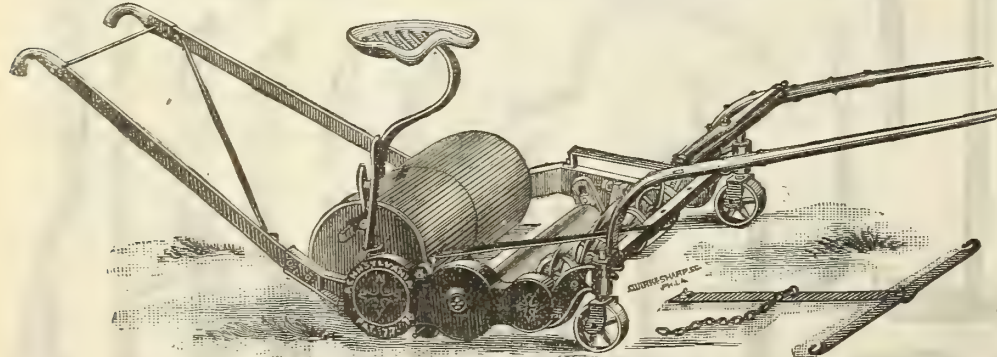
Low Wheel.		High Wheel.	
12 inch	\$6.00	14 inch	\$9.00
14 “	7.00	16 “	10.00
16 “	8.00	18 “	11.00
18 “	9.00	20 “	12.00
20 “	10.00		

NEW PONY (OR TWO MAN) LAWN MOWER.

This Mower can be used with pony and boy to guide or one man to pull and a small boy to guide. The advantage in having a wide-cut Mower is, it can be used by a man and a boy early in the spring, when the ground is soft. Positively self-sharpening. Weight, 110 lbs. List price, \$50. Ours, \$28.



PENNSYLVANIA HORSE LAWN MOWER.—Open Cylinder.



Showing Mower with seat and spring, shafts and handles. Draft irons detached. Width of cut, 30 inches. Weight, 320 lbs. It has an open cylinder, and all the bearings, including the knives, are made of solid cast-steel. The draft irons are for use either with or without the shafts, to enable the horse to walk on the cut grass.

Open Cylinder.

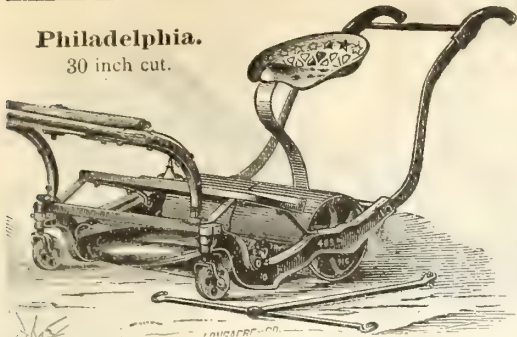
With draft irons only	\$65.00
“ “ “ and seat	70.00
“ “ “ shaft and seat	75.00

Closed Cylinder.

With draft irons	\$60.00
“ “ “ and seat	65.00
“ “ “ shaft and seat	69.00



**Philadelphia.**  
30 inch cut.



This is the well-known Philadelphia solid cylinder machine.

30 inch cut, shaft and seat. 350 lbs., \$70.00.  
" " without shaft and seat, 60.00.

**Philadelphia.**  
36 inch cut.

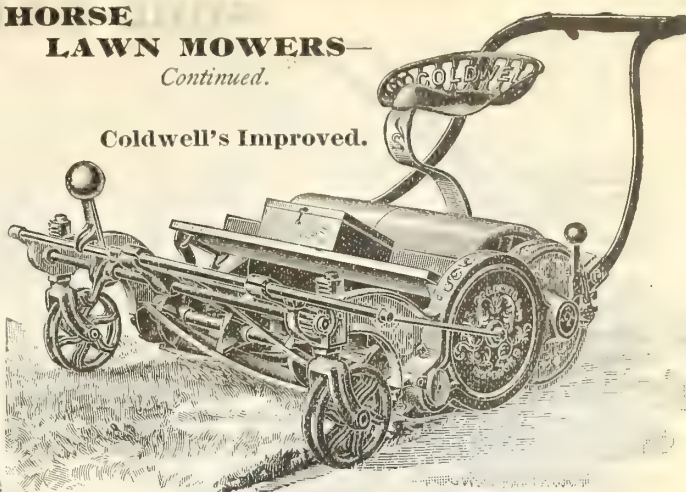


These machines are intended for Parks and large open grounds. The spiral blades are attached by bolts and set screws, so they can be taken off and ground; weight, 45 lbs. *List price, \$160. Our price, \$120.*

## HORSE LAWN MOWERS—

*Continued.*

**Coldwell's Improved.**



### Coldwell's Horse Lawn Mower.

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. They are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Each Mower warranted to give complete satisfaction. Low prices (strictly net). No charge for packing or cartage. 30 inch cut, \$60.00; 35 inch, \$75.00; 40 inch, \$90.00.

We can supply a small size (25 inch cut), for very hilly lawns and lawns full of trees and shrubs. It has no seat; the horse is hitched to a single-tree attached to the Mower. Our net price for this is \$37.50, or with shaft and side draft, \$45.00.

### WIRE SIEVES.

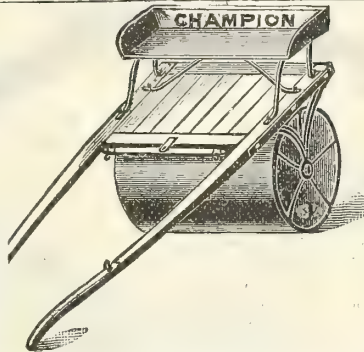
We can supply any size mesh from No. 1 to 30.

**Iron Wire.** Extra heavy, 20 in. diam., 75 cts.; medium, 20 in. diam., 60 cts.; medium, 18 in. diam., 50 cts.

### Garden and Farm Wheelbarrow.



No. 2, Jacob's Patent Wheel.	\$3.25
" 3, " " " "	3.75
" 4, " " " "	4.25
No. 3, Baltimore Barrows, strong, neat.	3.00
" 4, " " " "	3.50
" 5, " " " "	4.00
Canal Barrows, Wood Body.	2.50
Boys' Barrows.	2.00



### Steel Lawn and Field Roller.

These Rollers are all made of the best wrought steel, and filled with concrete to give them additional weight, and are preferable to cast iron, as they are not so liable to break.

24 inches diam., 30 inches long, weight about 450 lbs., \$38.00.  
28 inches diam., 36 inches long, weight about 550 lbs., \$42.00.

With sections loaded for road and lawn purposes.  
24 inches diam., 30 inches long, weight about 700 lbs., \$42.00.  
28 inches diam., 36 inches long, weight about 900 lbs., \$47.00.

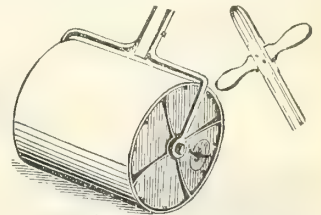
Special circular of Rollers mailed on application.

### Hay, Straw, and Corn Stalk Cutters.

Ross Hay Cutter, No. 7.	\$12 00
Telegraph, No. 4.	15 00
Telegraph, No. 5.	13 00

### Root Cutters.

No. 1, Clark's.	\$10 00
No. 2, Clark's.	14 00
Ames' Root Cutter.	13 00
Newtown Root Cutter.	10 00



### Steel Garden and Lawn Roller.

Made of the best wrought steel, and filled with concrete to give them additional weight.

10 inches diam., 15 inches long, weight about 130 lbs., \$7.00.  
12 inches diam., 18 inches long, weight about 200 lbs., \$9.00.  
14 inches diam., 21 inches long, weight about 300 lbs., 11.00.

We also have Field and Lawn Cast Iron Sectional Rollers. Prices furnished on application.

### CIDER MILLS.

**Buckeye Jr.,**

\$12.00

**Buckeye Sr.,**

\$23.00.

**Telegraph Jr.,**

\$13.00.

**Telegraph Sr.,**

\$23.00.

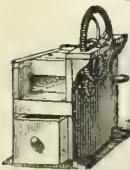


### Horse Radish Grater.

Will grate 15 lbs. per hour.

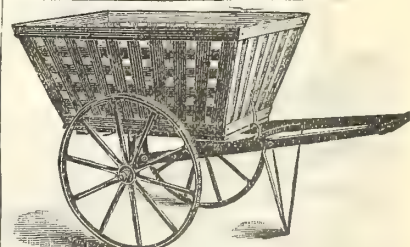
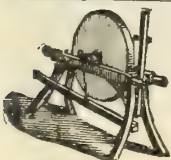
Box Pattern, with steel pins, \$8.

Box Pattern, with tin grater, \$7.



### Grindstone.

No. 1 Stone, 24 in. diam.,	\$4.00.
No. 2 Stone, 20 in. diam.,	\$3.50.
No. 3 Stone, 18 in. diam.,	\$3.00.



### Leaf Rack.

This is the best constructed Leaf Cart on the market. Can be used for all kinds of brush, leaves, etc. Light and durable. Can be easily folded and detached and the truck used with Water Barrel.

With 1 1/2 inch Wheels.	\$9.50
" 2 " "	10.75
" 4 " "	11.50



**MATTHEWS' MARKET GARDENER DRILL.**



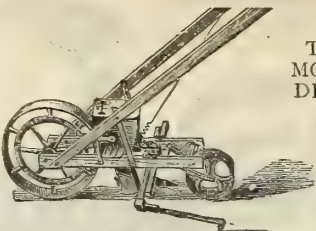
precision. One of the most valuable improvements is a convenient shut-off, arranged to stop the flow of the seed at any point. \$7.00

**SEED DRILLS.**

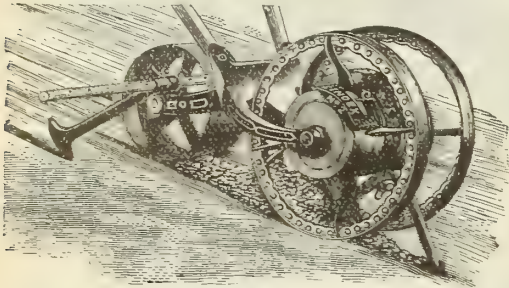
This is a perfect Seed Drill. It may be used in either field or garden. It opens the furrow, drops the seed evenly at the required depth, covers it lightly, rolls the earth over the seed, marks the next row, all with the utmost

The Index or Indicator is plain, convenient and reliable. It is placed in open sight, and can be quickly adjusted to the slightest variation. The flow of seed can be instantly stopped by a swinging cut-off. The marker is simple.

The main wheel is large and of sufficient width to prevent its sinking into soft earth. Price, \$6.50.

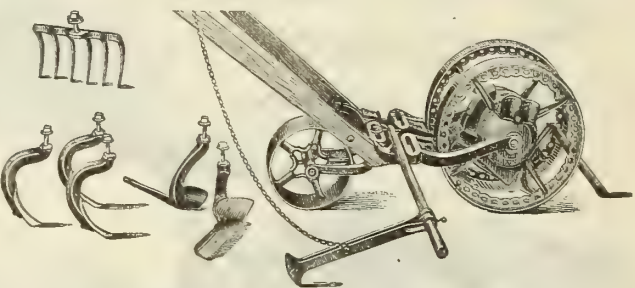


THE MODEL DRILL.



**The "Planet Jr." No. 2 Drill.**

It has an adjustable opening plow. No hoeing attachments. This drill can readily be kept in a straight line and sows with ease and accuracy any and all vegetable and flower seeds, covering them just the depth required. The cleaner in front of the plow prevents trash from collecting on the plow. Holds 2½ quarts. \$7.00 boxed.



**The "Planet Jr." Combined Drill, Wheel Hoe, Cultivator, Rake and Plow.**

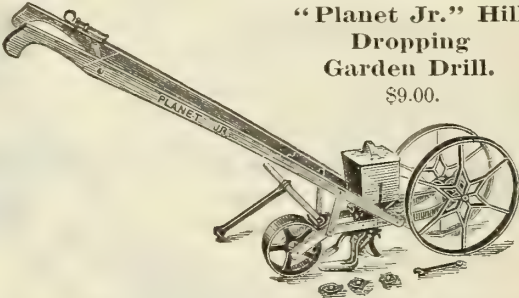
This is unquestionably the most popular and perfect machine of its kind made. As a seed drill it is the same as the No. 1, except in size; it holds one quart. Taken as a whole, this combined tool is the nearest approach to perfection for the uses of a gardener that can well be devised. Price, \$9.00.

**New "Planet Jr." Hill Dropping and Fertilizer Drill.**  
\$13.50.

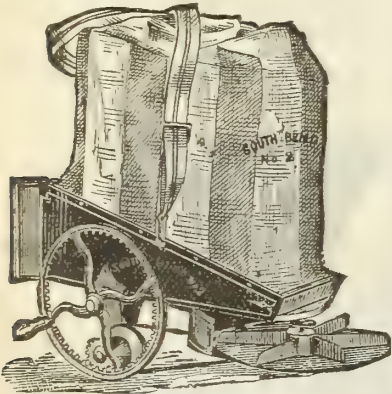


This tool as a drill is exactly the same as the Hill Dropping Drill. The fertilizer hopper holds one peck. The fertilizer can be sown in any quantity necessary, either above or below the seed, as desired. The drills may be satisfactorily used also to sow either seed or fertilizer alone.

**"Planet Jr." Hill Dropping Garden Drill.**  
\$9.00.



Sows all kinds of garden seed with the greatest regularity. Will also drop in neat hills either four, six, eight or twelve inches apart. It can be changed from a hill to a drill dropping machine or the reverse. Extra attachment for sowing onion seed for sets in a band four inches wide, 50 cents.



**South Bend Seeders, No. 2.**

These machines will sow all kinds of Seed, Land Plaster and Fertilizers broadcast in a perfect and satisfactory manner.

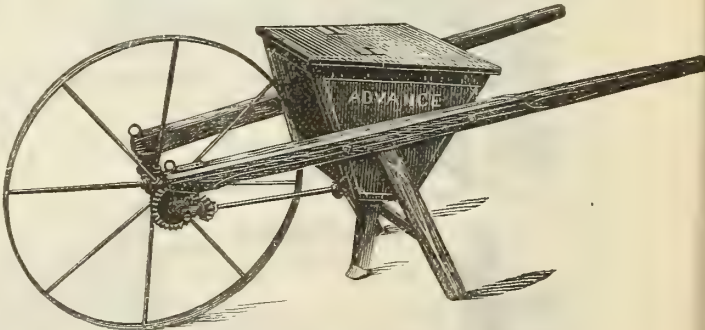
No. 2, \$2.25.



**Cahoon Broadcast Seed Sower.**

Will sow any kind of grain or grass seed.

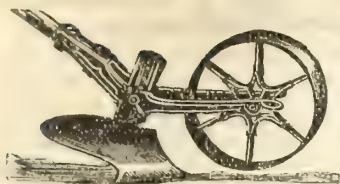
Hand Machine, \$4.00.  
Power Machine, \$18.00.



**"Advance" Fertilizer Drill.**  
Price, \$6.50.

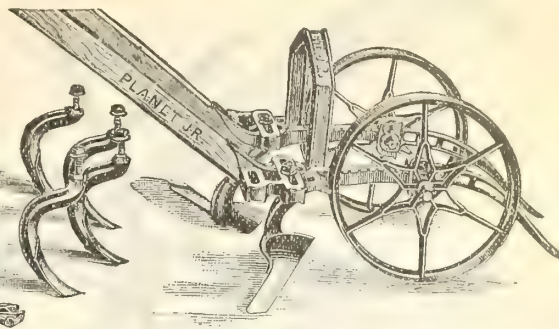
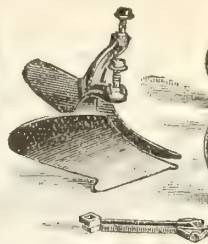
The increased use of commercial fertilizers has compelled the farmer and planter to provide himself with improved appliances for economically distributing these adjuncts of modern farming. We claim the "Advance" to be the best low-priced distributor on the market. It has a shut-off, to prevent the escape of fertilizer when wheeling around end of row. A first-class tool for the drilling of peas and corn.





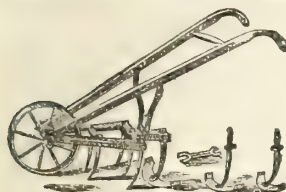
### The "Fire-Fly" Wheel Garden Plow.

An indispensable Tool for the Garden. Can be set shallow or deep. \$2.00.



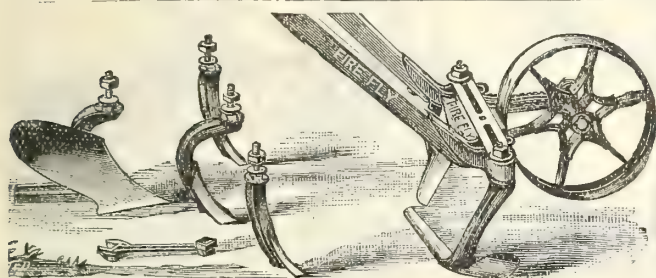
### The "Planet Jr." Double Wheel Hoe, Cultivator, Rake and Plow.

This tool is the best for all who raise Onions or Garden Vegetables on an extensive scale. It does the work of six to ten men with ordinary hoes; can be used to straddle rows or work between rows. It has all attachments shown in cut. \$6.00. Complete. Plain, with side Hoes only, \$35.00.



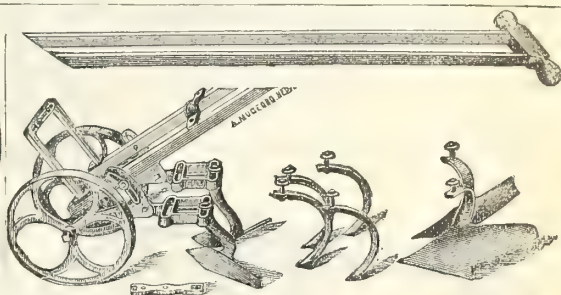
### Lee's Iron Frame Hand Wheel Hoe.

Light, simple, strong and easily worked. The hoes are of different widths. \$5.00.



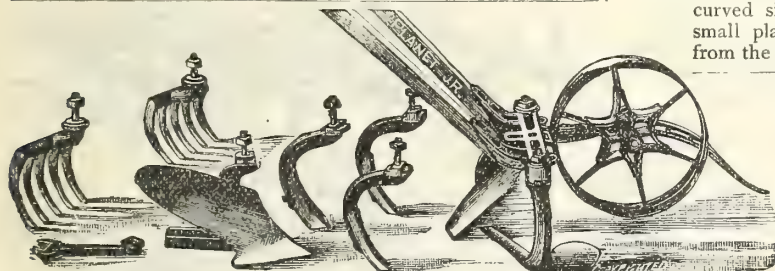
### The "Fire-Fly" Single Wheel Hoe, Cultivator and Plow Combined.

This implement has a great variety of adjustments, and can be set to work to and from the rows to any desired depth. \$4.00.



### Jewel Cultivator and Wheel Hoe, Double.

The "Jewel" is capable of being quickly adjusted in depth or width of working. As shown in cut it is provided with four slender stirring teeth, each one made of one piece of steel, unexcelled for thorough work, especially in hard soil; one pair of curved side hoes, particularly intended for use among small plants; also, a pair of plows for throwing to or from the row, or for opening furrows. \$5.00.



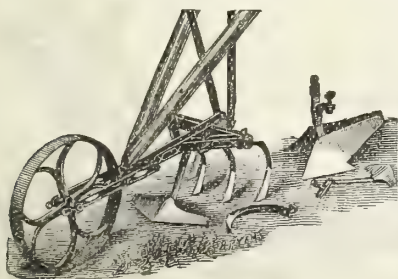
### The Planet Jr. Single Wheel Hoe.

Combines extreme lightness and strength. It has one pair of hoes, three cultivator teeth, two rakes and a plow. \$4.50.



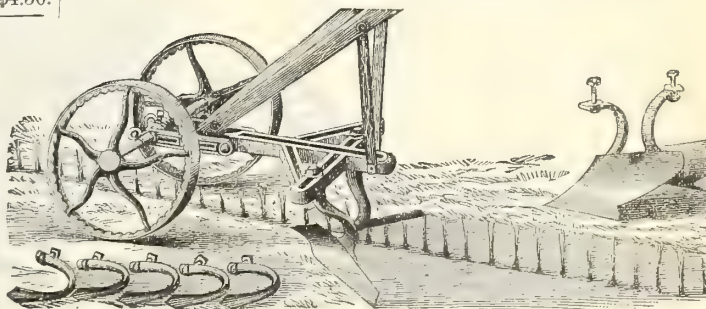
### Bateman's Hand Plow.

A useful tool. \$1.00.



### Gem Single Wheel Hoe and Cultivator.

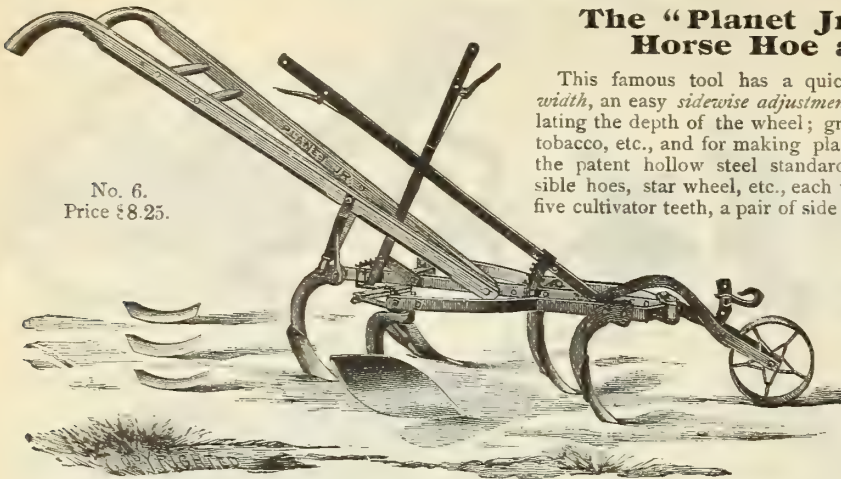
Five steel teeth, two scuffle hoes, and two plows, one right and the other left hand. The hoes, etc., can be set in any position. Wheel and handles. \$4.00.



### Gem Double Wheel Hoe and Cultivator.

Five steel teeth, two side hoes, used either between the rows or astride the rows, and two plows, right and left. \$4.50.





No. 6.  
Price \$8.25.

The "Planet Jr." No. 6 Combined Horse Hoe and Cultivator.

This famous tool has a quick and powerful lever adjustment for width, an easy sidewise adjustment of the handle and a lever for regulating the depth of the wheel; grand among grapes, hops, pole beans, tobacco, etc., and for making plant and seed ridges. Besides, it has the patent hollow steel standard, parallel frame, stiff hinges, reversible hoes, star wheel, etc., each valuable in its place. Each tool has five cultivator teeth, a pair of side hoes, and the new shovel. \$8.25.

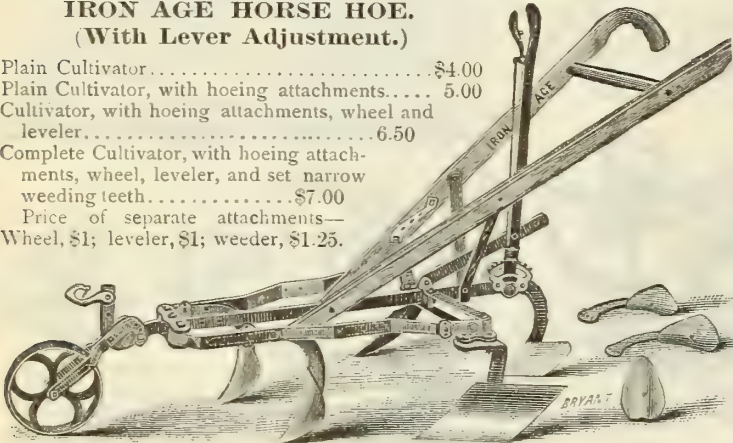
We can supply a large variety of attachments for these machines, full description of which will be mailed on application.

The No. 5 "PLANET JR." HORSE HOE is exactly the same as above described, except that it has the ordinary wheel instead of the lever wheel. Price \$7.50.

The No. 4 "PLANET JR." HORSE HOE, with plain expanders, \$7.00.

IRON AGE HORSE HOE.  
(With Lever Adjustment.)

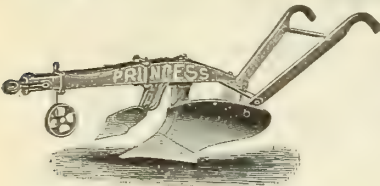
- Plain Cultivator.....\$4.00
- Plain Cultivator, with hoeing attachments..... 5.00
- Cultivator, with hoeing attachments, wheel and leveler.....6.50
- Complete Cultivator, with hoeing attachments, wheel, leveler, and set narrow weeding teeth.....\$7.00
- Price of separate attachments—  
Wheel, \$1; leveler, \$1; weeder, \$1.25.



"Planet Jr." Twelve Tooth Harrow, Cultivator and Pulverizer.

For fine cultivation, either deep or shallow. The reverse position is given to the teeth in a short time by the changing of a single bolt in each.

The Pulverizer is controlled by a lever, which can be operated in an instant by the foot while in motion. Weight, packed, 60 lbs. Price, complete, \$9.00; without Pulverizer, \$7.25.



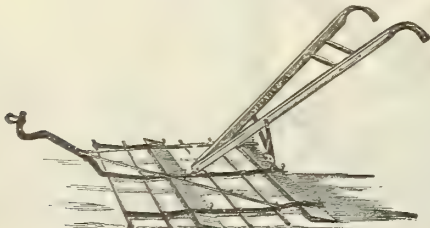
PRINCESS  
PLOW.  
(With Jointer  
and Wheel  
Attached.)

From the many makes of Plows we have selected the "Princess" as the best for every use.

- No. 73, Light, One Horse.....\$5.00
- " 85, " Two "..... 7.00
- Same, with front wheel and jointer... 9.50

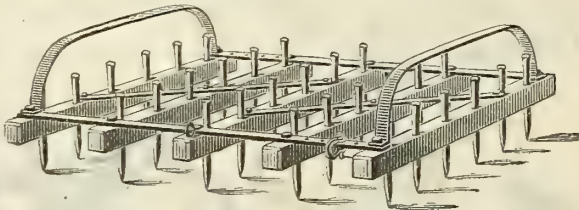
THE ADVANCE CHILLED PLOWS.

- No. 28.....\$5.00
- " 30. The popular 1 horse plow..... 6.00
- " 31. Complete with wheel and jointer..... 9.00
- " 32. " " " " " ".....12.00
- " 33. " heavy " " " " ".....13.00
- " 34. " " " " " ".....14.00



"Planet Jr." All Steel Pulverizer and Leveler.

This novelty has high merit. Its width is 4 feet 6 inches; it can be regulated to cut deep or shallow as required, and is a very perfect tool for all such work as fining and leveling the surface before using the marker, seed drill, etc. \$7.00.



KAIN HARROW.

One of the very best tools for private or market gardens. The harrows are provided with runners, so they can be easily moved without tearing up walks or roads.

- 24 tooth, \$5.00; 30 tooth, \$6.00.

Kain Triple Folding Harrow.

- 40 teeth, \$11.00; 50 teeth, \$13.00.

Diamond Point

Expanding Harrow  
and Cultivator.



The best harrow for private or market gardens. The teeth are set on angle, are reversible, so that they can be used for leveling or harrowing or cultivating. \$4.50.

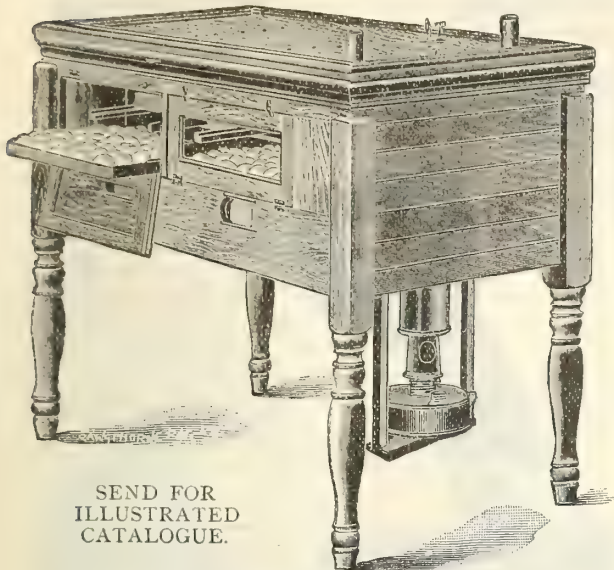


# Prairie State Incubators and Brooders.

Patented July 17th, 1888. Patented Oct. 1st, 1889.

This is the best incubator made, having taken all first premiums at leading contests throughout America. It has the most improved self-regulating apparatus, thereby requiring less personal attention. All kinds of eggs can be hatched equally well—hen, duck, turkey, etc. Natural or artificial gas may be used in place of oil, without trouble in making the change. The Brooders are the most improved and simplest in construction. Reduced prices for 1895.

Each machine is supplied with complete directions for operating.

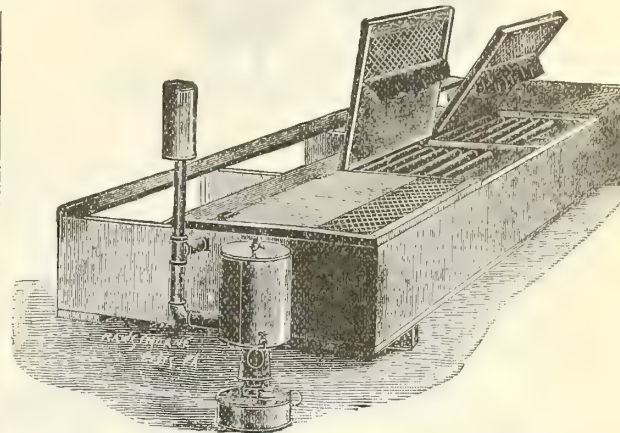


SEND FOR  
ILLUSTRATED  
CATALOGUE.

## Prairie State 200 Egg Incubator.

No. 0	Incubator, capacity, 50 eggs	\$20
No. 1	" " 100 "	25
No. 2	" " 200 "	40
No. 3	" " 300 "	56
No. 4	" double " 400 "	70
No. 5	" " 520 "	80
No. 288	{ " special duck " 288 "	62

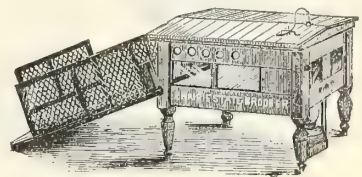
Less 20 per cent.



## Sectional Hot-Water Pipe Brooders, no Runs.

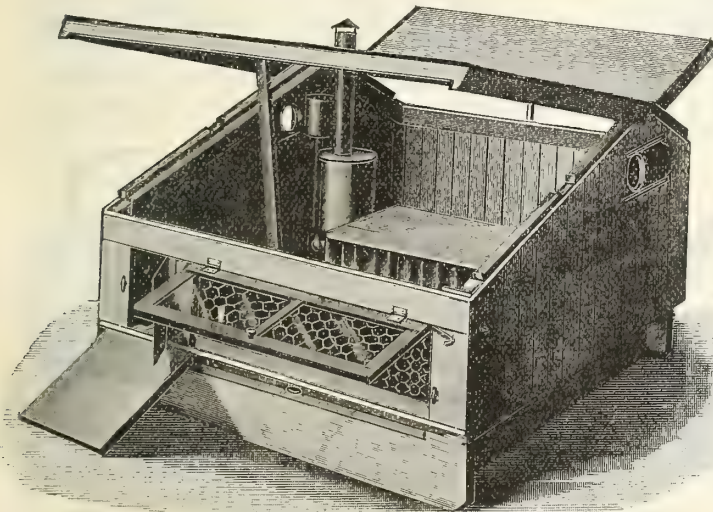
One Section, capacity 100 chicks	\$14
Two " " 200 "	19
Three " " 300 "	24
Four " " 400 "	29

Less 10 per cent.  
**BROODERS.**



## Hot-Air, Self-Regulating, with Runs.

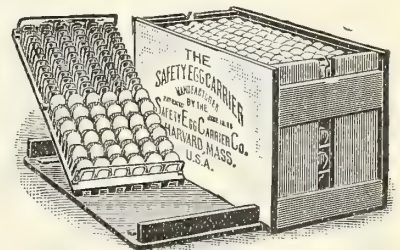
No. 1, capacity 100 chicks	net, \$15
No. 2, " 200 "	" 20



## New Prairie State Out-Door Brooder.

Capacity 100 to 150 chicks.

This is the most durable and complete brooder on the market. Heated by hot water and hot air. Galvanized iron roof. It is rain proof, rat proof and storm proof. Can be moved from place to place on its sled-like runners. Can be used in all weathers. Price \$20.00 net.



## The Safety Egg Carrier.

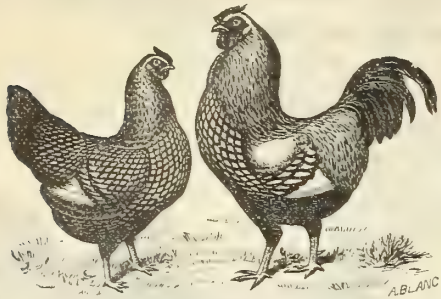
There has been a long felt want for a perfect and complete carrier. Never has there been anything constructed which fills that want as does the SAFETY CARRIER. It is made of wood and spring steel; each egg is supported separately, and the carrier may be turned over or set on end; the eggs cannot be shaken from their holdings. They are thoroughly ventilated. This carrier must be seen to be appreciated.

30 Doz. Carrier, Trays and Case Combined,	\$2.50
16 " " " " " "	2.00
12 " " " " " "	1.75
9 " " " " " "	1.50
6 " " " " " "	1.25

Discount of 10 per cent. on orders of 5 or more carriers.  
We are AGENTS for the Safety Egg carrier.



# POULTRY FOODS.



**Choice Ground Beef Scraps.** Our ground beef scraps are specially prepared. Feed three times a week at the rate of a handful to every three birds in the morning meal of hot food. During warm weather the scraps need not be fed more than once a week. 10 lbs. 50 cts.; 50 lbs. \$2.00; 100 lbs. \$3.50.

**Ground Beef Scraps, Grade 2.** These scraps are ground finer than the above named, the meats are not as closely selected, but for general feeding they answer very well. This is the same stock as offered by other dealers. 10 lbs. 35 cts.; 50 lbs. \$1.25; 100 lbs. \$2.25.



This is a true egg producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require and completely takes the place of all other animal food, as well as cracked bone and oyster shells. It is not a medicine. It is fed

with other foods. Price, 5 lbs. 25 cts.; 10 lbs. 40 cts.; 25 lbs. 75 cts.; 50 lbs. \$1.25; 100 lbs. \$2.25.

**Imperial Egg Food.** Very useful for making hens lay winter and summer; it supports them during moulting and keeps the fowls in the best condition. 1 lb. pkg. 50 cts., by mail 65 cts.; 2½ lb. pkg. \$1.00, by mail \$1.40; 6 lb. pkg. by express \$2.00; 25 lb. keg by express \$6.00.

**Pratt's Food.** Will make hens lay all the year, and is excellent for feeding to young chicks. For large fowls mix 1 ounce with the food for 15 or 20. For 15 or 20 chicks give one-half ounce every other day. 1½ lb. pkg. 25 cts.; 5 lb. pkg. 60 cts.; 12 lb. bag \$1.25; 25 lb. bag \$2.50.

**Sheridan's Condition Powder.** Well recommended by all leading poultry dealers. 4 oz. pkg. 25 cts.; 2½ lb. can \$1.00; mailing, 15 cts. per lb.



**Chick Manna, or Health Food for Little Chicks.** This preparation is specially prepared for little chicks when first hatched. Our own experience has proved its efficacy. This should be the first and only Food, and continue for 10 or 12 days before feeding anything else; directions for feeding on each package. 1 lb. pkg. 10 cts., by mail 25 cts.; 5 lb. pkg. 40 cts.; 60 lb. box, bulk, \$4.20.

**We can supply any of the F. P. C. Poultry Remedies.**  
**Poultry Nitrogen.** This preparation is the most carefully prepared meat we know of, all fat is extracted by chemical process, it is ground fine. Fed to small chicks about 3 times a week will promote health, growth and vigor. 1 lb. pkg. 10 cts., by mail 25 cts.; 5 lb. pkg. 40 cts.; 10 lbs. 75 cts.; 25 lbs. \$1.75; 100 lbs. \$6.00.

**Coarse Ground Bone.** The use of ground bone is rapidly extending among poultry raisers; it tends to keep the fowls in good health, and materially aids laying hens. 5 lb. pkg. 25 cts.; 25 lbs. \$1.00; 100 lbs. \$2.25; 200 lb. bag \$4.00.



**Pure Bone Meal.** Ground expressly for our trade, as it is much finer and in better condition for feeding poultry and animals. 5 lbs. 25 cts.; 10 lbs. 50 cts.; 25 lbs. \$1.00; 100 lbs. \$2.25; 200 lb. sack \$4.00.

## PIGEON FOOD.

### Canada Field Peas.

A very small round pea, which pigeons are fond of and can swallow readily. Per qt. 10 cts.; peck 50 cts.; bu. \$1.75; 10 bu. lots, \$1.50 per bu.

**Hemp Seed.** Used largely for feeding birds and pigeons. Per lb. 10 cts.; 10 lbs. 60 cts.; 100 lbs. \$5.00.

**Yellow Canada Corn.** Small yellow grain. Per qt. 15 cts.; bush. \$1.75.

**Buckwheat.** For pigeons and young poultry. Per qt. 10 cts.; peck 40 cts.; bush. \$1.20.



**Vetches.** Excellent for pigeons. 1 lb. 10 cts.; 100 lbs. \$6.00.

**Barley.** Per qt. 15 cts.; peck 50 cts.; bush. \$1.50.

## EARTHENWARE NEST BOWLS.

For pigeons. Price 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

## WIRE HENS' NESTS.

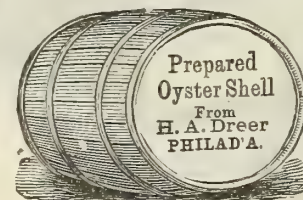
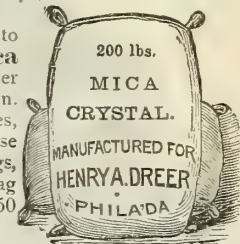
These can be supported on walls by hooking over two nails. Use excelsior for lining. Price 50 cts. each; \$5.00 per doz.

**Sunflower Seeds.** This is one of the best egg-producing foods known for poultry, keeping them in fine condition. It can be sown any time up to the middle of July, alongside of fences, and in almost any kind of soil. Per lb. 10 cts.; 10 lbs. 80 cts.; 100 lbs. \$6.00.

**Persian Insect Powder.** Per lb. 40 cts.

**Tobacco Dust.** For dusting houses and nests against lice on fowls. 5 lbs. 25 cts.; 100 lbs. \$3.00.

To aid digestion, it is necessary to feed some gritty material. **Mica Crystal** supplies this want better than any other article ever known. We can supply this in two grades, fine for small chicks and birds, coarse for large fowls. Price, small bags, 10 cts. each; \$1.00 per doz.; 5 lb. bag 15 cts.; 10 lb. bag 25 cts.; 25 lbs. 50 cts.; 100 lbs. \$1.25.



## Fresh Ground

**Oyster Shell.** This is the finest article to feed for shell making. 5 lbs 15 cts.; 25 lbs. 40 cts.; 100 lbs. \$1.50; bbl. of 350 lbs. \$4.00.

## PREPARED OYSTER SHELLS.—No. 2.

This is ground finer than the No. 1, and from shells not as well selected, but for general feeding they answer very well. This is the grade generally offered. 5 lbs. 15 cts.; 25 lbs. 40 cts.; 100 lbs. \$1.00; bbl. of 350 lbs. \$3.00; ton \$12.00.



## POULTRY SUPPLIES—Continued.

**Improved Nest-Egg Gourd Seed.**

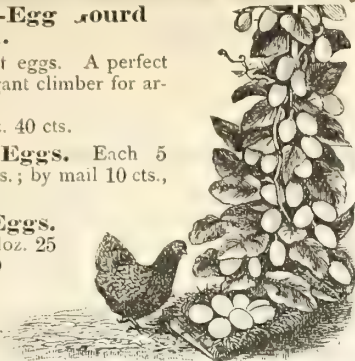
Largely used for nest eggs. A perfect imitation. Also an elegant climber for arbors, fences, etc.

Pkt. 5 cts., oz. 40 cts.

**Medicated Nest Eggs.** Each 5 cts.; per doz. 30 cts.; by mail 10 cts., per doz. 65 cts.

**Porcelain Nest Eggs.**

Each 5 cts.; per doz. 25 cts.; by mail 10 cts. each, 50 cts. per doz.



NEST-EGG GOURD.

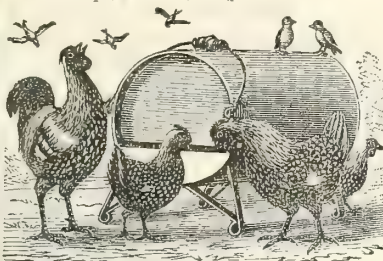
**Marking Punch.** This little instrument is for marking young and old chickens. It is invaluable to breeders and farmers. They are made in two sizes, for large or small chicks, nickel plated, have steel cutter and spring, and are made small and neat, to carry in the vest-pocket. Sent by mail on receipt of price. 25 cts. each.



**Portable Fountains.** For poultry. Cannot be overturned, and avoids the drowning of young chickens; made of earthenware; always keeps a fresh supply of water before the fowls. 1 qt., 25 cts.; 2 qt., 35 cts.; 3 qt., 45 cts.; 4 qt., 60 cts.



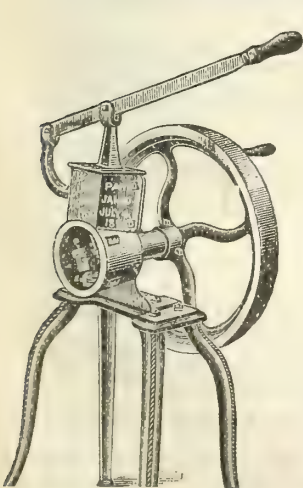
PORTABLE FOUNTAIN.



THE CLIMAX.

**The Climax** is made of the best galvanized iron, and will last a life-time. Keeps the water cool and fresh, and is not so liable to be broken in freezing weather as the stoneware ones. Prices: 1 gal., \$1.00; 2 gal., \$1.25; 3 gal., \$1.50.

**Dreer's Galvanized Poultry Founts.** 2 qt., 35 cts.; 4 qt., 50 cts.; 8 qt., 75 cts.

**Prairie State Tester.**

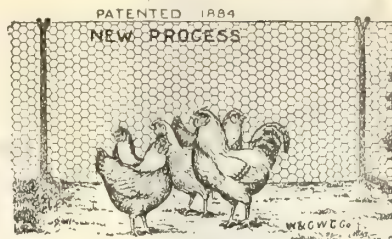
DAISY GREEN BONE CUTTER.



Will fit any small lamp. 35 cts. each.

**The Daisy Green Bone Cutter** is the easiest Green Bone Cutter on the market. Simply constructed, very light running. Capacity  $\frac{1}{2}$  lb. per minute by hand.

With stand, \$18.00. Without stand, \$15.00.

**HARD STEEL WIRE Galvanized Wire Netting.**

The best thing for making poultry yards, better looking and cheaper than laths, and permits more light and air to enter.

12 in. wide, per bale of 150 lin. ft.	\$0.95	42 in. wide, per bale of 150 lin. ft.	\$3.25
18 " " " 150 " 1.40		48 " " " 150 " 3.75	
24 " " " 150 " 1.90		60 " " " 150 " 4.65	
30 " " " 150 " 2.35		72 " " " 150 " 5.60	
36 " " " 150 " 2.80			

Any required length cut from above sizes at  $\frac{3}{4}$  ct. per square ft.

**Wigmore's Poultry and Squab Killing Knife.**

The most expeditious and humane way of killing and dressing poultry is by using this knife. Made of the finest steel. Price, with full instructions, 50 cts. each.



**Coal Oil Bellows,** for spraying poultry houses. \$1.00.

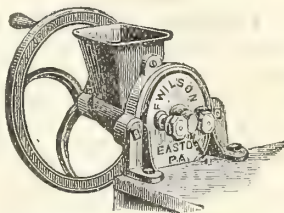
**Cast-iron Poultry Troughs for Feeding.**

Sizes 1, 2, 3, 4 and 5 feet. 25 cts. per foot.

**Shallow Trays for Water or Feed for Small Chicks.**



Price, 25 cts. each.

**Wilson's Hand Bone and Oyster Shell Mill.**

No. 1, without legs.....\$5.00  
No. 2, with legs.....7.00

**Mallory's Hand Shell Mill.** \$3.00.

**No. 1 CAPONIZING SET.**

This set consists of one fine steel knife and forceps; one nickel-plated spreader, improved German silver cutting and twisting scoop, with fine hook on opposite end; one fine German silver probe, and four German silver hooks attached to cords for quickly securing the fowl. In a case, with book, Practical Caponizing, and How to Make Poultry Pay. \$3.00, postpaid.

**No. 6 CAPONIZING SET.**

This is an improvement on the Chinese Caponizing Set. Instruments are exactly as serviceable as No. 1 Set. Can be used with horse-hair or steel wire. Each instrument has been studied carefully. We feel sure it is the best cheap set on the market. In velvet-lined case, with instructions, \$2.50.

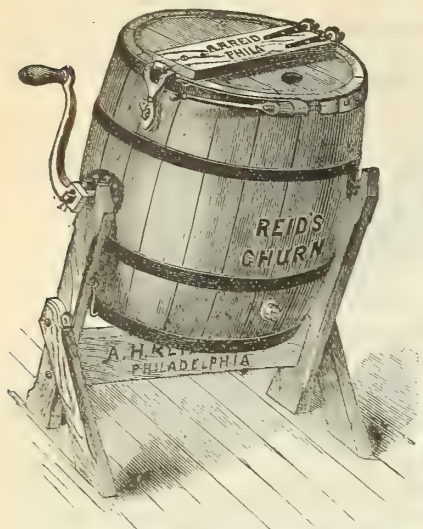
**INCUBATOR THERMOMETERS.**

Reclining tested incubator thermometers, 50 cts. each; postpaid, 60 cts.

**Gape Extractors.** Each 10 cts. and 25 cts.

**Black Hawk Corn Sheller.** For hand use. \$3.00.



**THE REID BARREL CHURN.**

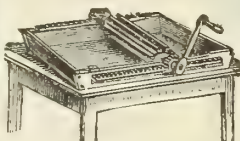
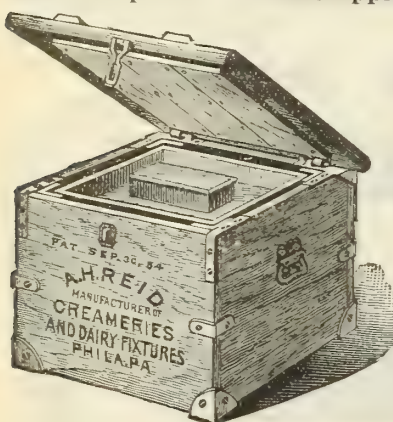
No. 1.	Churns 1 to 4 gallons cream	\$7.00
" 2.	" 2 " 7 "	7.50
" 3.	" 3 " 9 "	8.25
" 4.	" 4 " 12 "	10.00
" 5.	" 5 " 16 "	12.00

**SPAIN'S PATENT CHURN.**

No. 1.	Churns	9 quarts	\$4.00
" 2.	"	15 "	4.50
" 3.	"	20 "	5.00
" 4.	"	24 "	6.00
" 5.	"	32 "	7.00

**REID'S PATENT BUTTER WORKER.**

No. 1.	23 x 36 in.	Capacity 50 lbs.	\$8.00
" 2.	20 x 36 "	" 30 "	6.50
" 3.	17 x 27 "	" 27 "	5.50
" 4.	14 x 23 "	" 10 "	4.50

**Reid's Improved Butter Shipping Box. Patented.**

These boxes are specially suited for square or oblong prints. Nearly all the recent inventions in Butter Printing Machines have adopted this shape, and it is generally conceded to be the best for transportation.

12 lb.	\$3.50
20 " "	3.75
30 " "	4.25
40 " "	4.75
56 " "	5.00
80 " "	5.50

**Perfect Milk Pail and Stool.**

The milker sits on top of the pail while milking. One size only. \$2.25.

**Silver Milking Tube.** Made of coin silver. By pushing the slide up or down the length can

be changed. Regular size,  $1\frac{3}{4}$  inches in length. 50 cts. each.

**Small's Calf Feeder.**

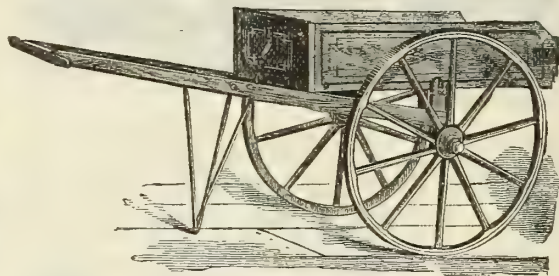
Thoroughly made, perfect in construction, and answers the purpose. \$2.50.

**Anderson Ladles.**

Large, 50 cts. each.  
Small, 25 " "

**Paddles.**

Small, 25 cts. each, \$2.50 per doz.  
Large, 50 " " 5.00 " "



STONE CART.

**Stone Carts.** These can be arranged to carry stone, dirt, rubbish, leaves or water. The box, as seen in illustration, can be removed in a moment, and leaf rack put in its place. The same truck can be used to carry full barrel of water or other liquid. \$9.00.

**Lansing Hand Cart.** This is one of the lightest Hand Carts in use, very strong and durable, sides and back are movable, will carry 200 lbs. \$7.00.

**Rustic Hanging Baskets.**

Round Bowl—

No. 2.	8 in.	\$1.00
" 3.	9 "	1.50
" 4.	10 "	2.00

Oval Bowl—

No. 1.	10 in.	\$1.00
" 2.	11 "	1.25
" 4.	13 "	2.00

**Also Rustic Settees, Arm Chairs, Lawn Vases and Stump Boxes.**

**SUNDRIES.**

**Grafting Wax**, first quality, in bars, with directions for using. 1 lb., 25 cts.; postpaid, 45 cts.

**Raffia**, the best material for tying plants, vines, etc. Per lb., 25 cts.

**Green Linen Twine**, for Smilax. 60 cts. per lb.

**White Cotton Twine**, for tying. 20 cts. per lb.

**Jute Twine**, for tying plants or vegetables. 12 cts. per lb.

**Tar Twine**, for tying mats, fodder, etc. 10 cts. per lb.; \$8 per 100 lbs.

**Baskets**, for use in Vegetable Garden— $\frac{1}{2}$  bu., oak, 35 cts.; 1 bu., oak, 45 cts.; 1 bu., oak, iron-bound, 75 cts.

**Jersey Peat**, for potting plants, etc. \$1.50 per bbl.

**Propagating Sand.** \$1.50 per bbl.

**Prepared Potting Soil.** 50 cts. per bush.; \$1.00 per bbl.

**Sphagnum Moss**, for packing growing Orchids, etc. \$1.25 per bbl.; \$2.50 per bale.

**Cocoa Fibre**, for propagating and mulching. 75 cts. per bush.

**Peat Moss.** Excellent for bedding horses or cattle and for absorbing the odors of the stable. Prices on application.

**Missouri Oil Stones.** 15 cts. per lb.



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## TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

	Lbs. per bush.
Barley, broadcast.....	.48
Beans, Dwarf, in drills.....	.60
Beans, Pole, in hills.....	.60
Beets, Table, in drills.....	6 lbs.
Beets, Mangel Wurzel.....	5 lbs.
Broom Corn in hills.....	.46
Buckwheat.....	.48
Cabbage, in beds to transplant.....	1 lb.
Carrot, in drills.....	3 to 4 lbs.
Clover, Red.....	20 lbs.
Clover, White.....	12 to 15 lbs.
Clover, Alsike.....	10 lbs.
Clover, Lucerne or Alfalfa.....	20 lbs.
Corn, in hills.....	8 to 10 qts.
Corn, for Fodder.....	3 bush.
Cucumber, in hills.....	2 lbs.
Flax, broadcast.....	1½ bush.
Grass, Kentucky Blue.....	3 bush.
Grass, Orchard.....	3 bush.
Grass, English Rye.....	3 bush.
Grass, Red Top.....	3 bush.
Grass, Timothy.....	½ bush.
Grass, Hungarian.....	1 bush.
Grass, Lawn.....	4 bush.

	Lbs. per bush.
Melon, Musk, in hills.....	2 to 3 lbs.
Melon, Water, in hills.....	4 to 5 lbs.
Oats, broadcast.....	32
Onion, in drills.....	6 to 8 lbs.
Onion, for Sets, in drills.....	50 lbs.
Onion Sets, in drills.....	6 to 12 bush.
Parsnip, in drills.....	4 to 6 lbs.
Round Peas, in drills.....	1½ bush.
Wrinkled Peas, in drills.....	1½ bush.
Peas, broadcast.....	3 bush.
Potatoes (cut tubers).....	8 bush.
Pumpkin (in hills).....	3 lbs.
Radish, in drills.....	8 to 10 lbs.
Rye, broadcast.....	1½ to 2 bush.
Salsify, in drills.....	8 to 10 lbs.
Spinach, in drills.....	15 lbs.
Squash (bush varieties), in hills.....	4 lbs.
Squash (running varieties), in hills.....	3 lbs.
Sugar Cane.....	12 lbs.
Tomato, to transplant.....	¼ lb.
Turnip, broadcast.....	2 lbs.
Turnip, in drills, 1 oz. to 250 feet of drill.....	1½ lbs.
Vetches, broadcast.....	2 to 3 bush.
Wheat, broadcast.....	1½ to 2 bush.

**GARDENING. A Semi-monthly Journal for Amateurs in Gardening.**—Edited by William Falconer, and published twice a month at \$1.00 a year, by the Gardening Company. This paper recognizes the multitude of people who have small gardens, or who wish to have them, who love beautiful flowers, or trees, or shrubs, or other plants, or good fruits and vegetables. Its teachings and opinions are reliable, perfectly independent and unbiased. Subscriptions should be sent direct to us.

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# INDEX.

## NOVELTIES AND SPECIALTIES.

(Colored Supplement.)

<b>Vegetable Seeds.</b>	i-iii
<b>Flower Seeds.</b>	iv-vi
<b>Plants.</b>	vii-xii

## GENERAL LIST.

<b>Vegetable Seeds</b>	5-32
Mushroom Spawn....	22
<b>Sweet Herbs</b> .....	33
<b>Farm Seeds</b> .....	34-36
Bird Seeds.....	36
<b>Grass Seeds</b> .....	37, 38
Clovers and Millets...	39
<b>Vegetable Plants, etc.</b> ....	33
Quantities, Table of...	151

<b>Flower Seeds,</b>	
General Collection...	40-75
<b>Flower Seeds,</b>	
Pictorial Collections	40

## PLANTS.

Abutilon.....	76
Achyranthus.....	77
Achimenes.....	77
Acalypha.....	77
Achillea.....	121
Ageratum.....	77
Agapanthus.....	77
Akebia.....	128
Allamanda.....	76
Alternanthera.....	77
Althea.....	131
Alocasia.....	77
Amaryllis.....	78
Ampelopsis.....	128
Ananassa.....	77
Andromeda.....	131
Anthemis.....	78, 121
Anthericum.....	78, 121
Anthurium.....	78
Anemone.....	121
Apios.....	128
Aquilegia.....	121
Aquatics.....	118, 119
Aralia.....	78
Araucaria.....	78
Ardisia.....	78
Aristolochia.....	78, 128
Arundo.....	120
Asclepias—Asters.....	121
Asparagus.....	78
Aspidistra.....	78
Astilbe.....	121
Azalea, Chinese.....	79
“ Hardy Ghent.....	131
Begonias.....	79, 80
Bignonia.....	128
Bouvardia.....	80

Canna.....	84-87
Camellia.....	82
Campanula.....	121
Carnations.....	81
Caladium.....	83, 90
Calla.....	82
Cestrum.....	91
Chrysanthemum.....	88-90
Cissus.....	91
Clematis.....	122, 129
Clerodendron.....	91
Clivia.....	91
Cobea.....	91
Coleus.....	82
Coreopsis.....	122
Crotons.....	91
Cuphea.....	82
Cycas.....	91
Cyclamen.....	91
Daisy.....	92
Dahlia.....	93
Delphinium.....	122
Dianthus.....	122
Dieffenbachia.....	92
Dictamnus.....	122
Dielytra.....	122
Digitalis.....	122
Doronicum.....	122
Dracaena.....	92
Eleagnus.....	132
Erythrina.....	94
Eucharis.....	92
Eulalia.....	120
Erianthus.....	120
Farfugium.....	94
Ficus.....	94
Ferns.....	95, 96
Feverfew.....	122
Fuchsias.....	94
Funkia.....	122
Gaillardia.....	123
Gardenia.....	99
Genista.....	99, 132
Geranium.....	97, 98
Gladiolus.....	100
Gloxinia.....	99
Grasses, Hardy.....	120
Hardy Climbers.....	128-130
Hardy Perennials.....	121-127
Hardy Shrubs.....	131, 132
Hedge Plants.....	132
Heliotrope.....	98
Hemerocallis.....	123
Helianthus.....	123
Hibiscus.....	99, 123
Hollyhocks.....	102
Honeysuckles—Hop.....	130
Hydrangea.....	101
Hyacinthus.....	123
Impatiens.....	102
Ipomoea.....	98, 130
Iris.....	124
Ivy, English.....	130
Jasmines.....	98, 130
Lantanas.....	102
Lapageria.....	94
Lathyrus.....	130
Lilies.....	124
Linum.....	102

Lobelia.....	122
Lychnis.....	108, 124
Lycopodium.....	102
Manettia.....	104
Maranta—Milla.....	102, 103
Mexican Primrose.....	107
Montbretia.....	103
Moon Flowers.....	98, 130
Musa Ensete.....	103
Nepeta.....	103
Orange.....	103, 132
Olea Fragrans.....	104
Pampas Grass.....	120
Paeonies.....	125
Palms.....	105
Pardanthus.....	104
Pancratium.....	104
Passion Flowers.....	104, 130
Pansies.....	104
Pandanus.....	106
Pelagonium.....	107
Peperomia.....	104
Petunias.....	107
Periploca.....	130
Phlox.....	125
Phrynum.....	106
Pinks.....	125
Pitcher Plants.....	103
Pittosporum.....	104
Poppies.....	126
Platycodon.....	125
Plumbago.....	107, 125
Rhododendron.....	132
Rhynchospermum.....	106
Roses.....	110-117
Salvia.....	106
Sansevieria.....	106
Schubertia.....	106
Solanum.....	108
Stephanotis.....	108
Strobilanthes.....	106
Smilax.....	106
Spirea.....	126, 131
Swinsonia.....	109
Tabernaemontana.....	109
Tigridia.....	109
Trillium.....	127
Tritoma.....	126
Tuberose.....	109
Verbenas.....	109
Vincas.....	109, 127
Violets.....	109, 127
Weigela.....	132
Wistaria.....	130
Water Lilies.....	118, 119
Xerophyllum.....	127
Yucca.....	127
Zephyranthes.....	109

## FRUITS.

Blackberries.....	134
Currants.....	133
Gooseberries.....	134
Raspberries.....	134

Strawberries.....	133
Grapes, Hardy.....	134
“ Foreign.....	134
Wineberry.....	132

## MISCELLANEOUS.

Baskets.....	150
Books.....	151
Carts, Hand.....	150
Cider Mills.....	143
Cultivators.....	145, 146
Cocoa Fibre.....	150
Dairy Supplies.....	150
Dusters, Paris Green..	137
Frames.....	139
Fertilizers.....	136
Flower Pots.....	135
Fumigators.....	137
Garden Tools.....	140, 141
Glaziers' Points.....	135
Grafting Wax.....	150
Grindstones.....	143
Harrows.....	146
Hay Cutters.....	143
Horse Radish Graters..	143
Hose, Rubber.....	139
Hose Nozzles.....	138
“ Reels.....	139
Incubators.....	147
Insecticides.....	137
Knapsack Sprayers.....	137
Labels and Wire.....	135
Lawn Mowers.....	142, 143
Lawn Sprinklers.....	138
Leaf Rack.....	143
Mats, Straw.....	139
Mole Traps.....	139
Moss, Sphagnum.....	150
Orchid Baskets.....	135
Peat.....	150
Plant Sticks.....	135
“ Protectors.....	139
“ Bed Cloth.....	139
Plows.....	146
Potato Cutters.....	139
Poultry Supplies.....	148, 149
Pumps.....	138
Pruning Shears.....	139
Poultry Foods.....	148
Powder Bellows.....	137
Rollers.....	143
Root Cutters.....	143
Sash, Hotbed.....	139
Sand.....	150
Seed Drills.....	144
Sieves.....	143
Sprinklers.....	138
Soil, Potting.....	150
Syringes.....	138
Tree Tubs.....	135
Tying Materials.....	150
Tree Pruners.....	139
Water Pots.....	138
“ Barrel Truck.....	138
Wheel Barrows.....	143
Wire Netting.....	149

## Gardeners.

We keep a list of Gardeners who are seeking situations, and shall be pleased to render assistance to our customers who may at any time require the services of a reliable and practical man.

On our Register are frequently men seeking positions as Superintendents of Parks, Cemeteries and Large Estates, Landscape Gardeners, Gardeners especially for Greenhouse Work, General Gardeners for small places, Farmers' and Florists' Assistants, and Coachman and Gardener.



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HENRY A. DREER,

INCORPORATED 1890

## Seed, Plant and Bulb Growers and Merchants.



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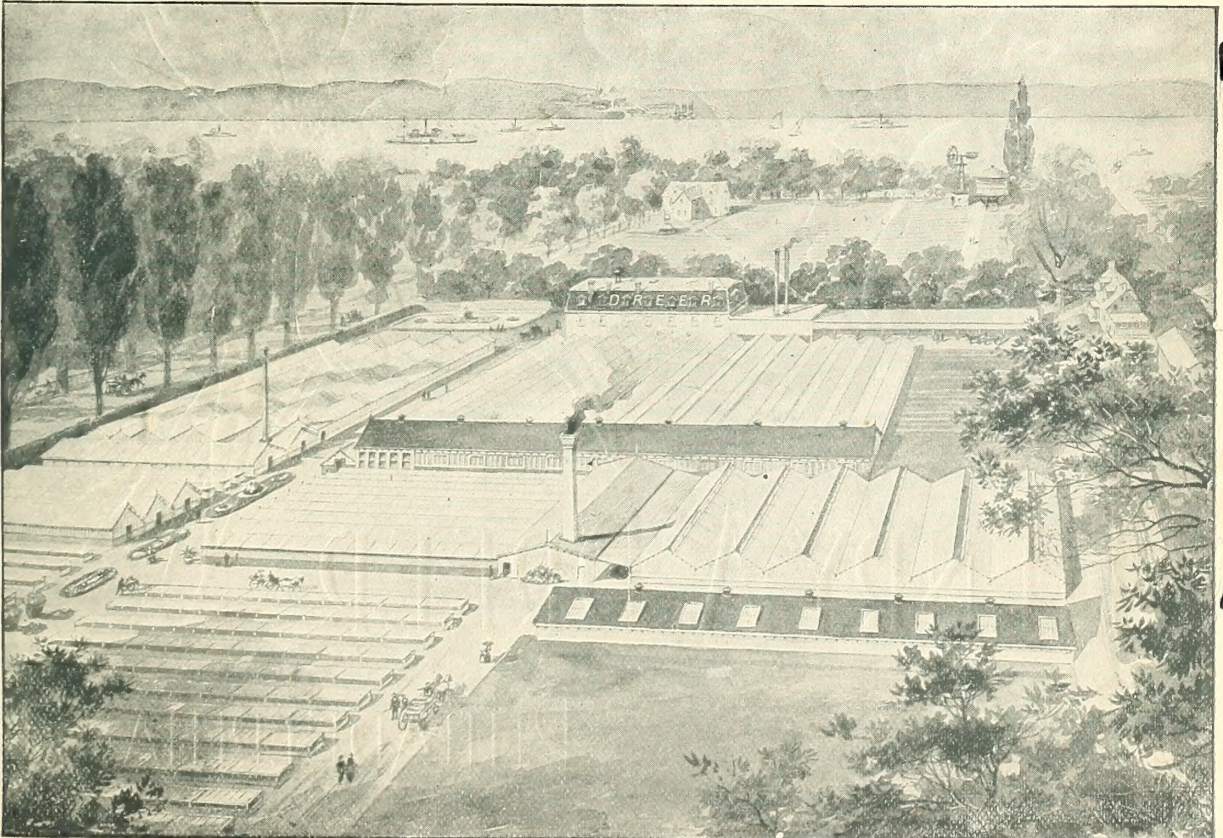
From the store of Henry A. Dreer, at 714 Chestnut St., Philadelphia, and the extensive growing and testing grounds at Riverton, New Jersey, upon the shore of the Delaware River above Philadelphia, vast quantities of selected stock seeds are sent far and wide to farmers who return in due time "an hundred fold" in the wide variety of seeds of vegetables and flowers, which this great concern supplies to the public. Thus, for instance, the seed of the pea is returned from Northern New York, Canada and Michigan;

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